

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138944.D
 Acq On : 12 Aug 2024 20:28
 Operator : RC/JU
 Sample : P3506-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4534MS

Quant Time: Aug 13 01:01:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	42827	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	179725	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	101576	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	180644	20.000	ng	0.00
76) Chrysene-d12	14.004	240	86005	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	80675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	482455	173.896	ng	0.03
7) Phenol-d6	6.498	99	631695	169.587	ng	0.01
23) Nitrobenzene-d5	7.410	82	424786	115.556	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	159725	191.967	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	782773	115.787	ng	0.00
79) Terphenyl-d14	12.945	244	774594	150.791	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.269	88	12136	9.991	ng	# 49
3) Pyridine	3.598	79	37456	12.730	ng	# 92
4) n-Nitrosodimethylamine	3.504	42	127329	72.658	ng	85
6) Aniline	6.516	93	61988	18.660	ng	# 1
8) 2-Chlorophenol	6.639	128	200254	68.604	ng	97
10) Phenol	6.510	94	244006	62.216	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	190743	63.201	ng	100
12) 1,3-Dichlorobenzene	6.781	146	201148	61.561	ng	97
13) 1,4-Dichlorobenzene	6.857	146	206404	62.595	ng	99
14) 1,2-Dichlorobenzene	7.010	146	195898	63.568	ng	99
15) Benzyl Alcohol	6.998	79	186300	69.393	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	315446	60.734	ng	# 50
17) 2-Methylphenol	7.110	107	159697	66.255	ng	# 84
18) Hexachloroethane	7.345	117	77897	62.758	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	160795	71.472	ng	100
20) 3+4-Methylphenols	7.263	107	212736	68.790	ng	# 90
22) Acetophenone	7.257	105	274146	62.298	ng	98
24) Nitrobenzene	7.428	77	233168	62.334	ng	99
25) Isophorone	7.669	82	410977	65.474	ng	99
26) 2-Nitrophenol	7.745	139	106820	66.376	ng	95
27) 2,4-Dimethylphenol	7.786	122	137534	71.428	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	240610	62.946	ng	99
29) 2,4-Dichlorophenol	7.992	162	169851	68.647	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	179926	63.014	ng	98
31) Naphthalene	8.145	128	595328	62.930	ng	99
32) Benzoic acid	7.951	122	90171	59.574	ng	89
33) 4-Chloroaniline	8.216	127	45479	14.322	ng	95
34) Hexachlorobutadiene	8.251	225	108148	62.532	ng	99
35) Caprolactam	8.598	113	26781	36.275	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	195324	69.075	ng	99
37) 2-Methylnaphthalene	8.833	142	390997	65.443	ng	98
38) 1-Methylnaphthalene	8.933	142	360099	61.507	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	166896	59.148	ng	98
41) Hexachlorocyclopentadiene	8.980	237	119988	153.635	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	114975	66.830	ng	99
44) 2,4,5-Trichlorophenol	9.175	196	120687	64.169	ng	97

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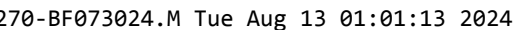
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	467836	58.808	ng	99
47) 2-Chloronaphthalene	9.328	162	368351	62.257	ng	98
48) 2-Nitroaniline	9.433	65	130720	65.171	ng	98
49) Acenaphthylene	9.739	152	583209	69.500	ng	99
50) Dimethylphthalate	9.604	163	460220	70.859	ng	99
51) 2,6-Dinitrotoluene	9.675	165	97938	66.816	ng	92
52) Acenaphthene	9.910	154	361501	64.086	ng	98
53) 3-Nitroaniline	9.845	138	24486	16.159	ng	100
54) 2,4-Dinitrophenol	9.963	184	105672	156.610	ng	85
55) Dibenzofuran	10.086	168	529211	66.461	ng	98
56) 4-Nitrophenol	10.033	139	94800	104.037	ng	91
57) 2,4-Dinitrotoluene	10.080	165	134033	71.672	ng	# 81
58) Fluorene	10.427	166	433054	68.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	108321	75.334	ng	96
60) Diethylphthalate	10.304	149	451497	73.315	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	211784	67.909	ng	96
62) 4-Nitroaniline	10.463	138	70814	49.176	ng	85
63) Azobenzene	10.575	77	470454	68.879	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	77382	70.214	ng	93
66) n-Nitrosodiphenylamine	10.539	169	348760	61.765	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	126111	64.480	ng	97
68) Hexachlorobenzene	10.974	284	126323	62.555	ng	100
69) Atrazine	11.063	200	75797	52.029	ng	96
70) Pentachlorophenol	11.180	266	118604	130.302	ng	97
71) Phenanthrene	11.392	178	607396	65.299	ng	100
72) Anthracene	11.445	178	630704	68.828	ng	100
73) Carbazole	11.598	167	491473	62.166	ng	99
74) Di-n-butylphthalate	11.916	149	685308	77.110	ng	99
75) Fluoranthene	12.574	202	575776	66.305	ng	99
77) Benzidine	12.710	184	6816	3.313	ng	# 88
78) Pyrene	12.804	202	557987	68.907	ng	99
80) Butylbenzylphthalate	13.416	149	201661	77.769	ng	98
81) Benzo(a)anthracene	13.992	228	388163	65.541	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	25499	16.824	ng	97
83) Chrysene	14.027	228	362729	67.886	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	255836	67.376	ng	99
85) Di-n-octyl phthalate	14.574	149	400200	56.965	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	355204	61.439	ng	96
88) Benzo(b)fluoranthene	15.039	252	349565	69.898	ng	98
89) Benzo(k)fluoranthene	15.068	252	289368	66.829	ng	99
90) Benzo(a)pyrene	15.404	252	293218	69.704	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	288073	60.700	ng	97
92) Benzo(g,h,i)perylene	17.392	276	269053	54.633	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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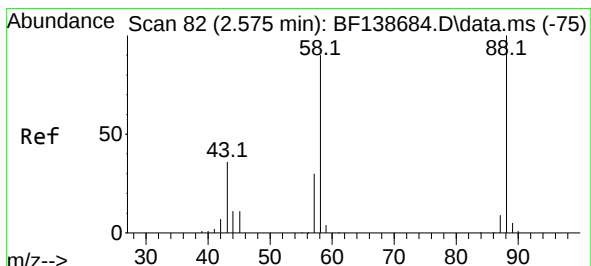
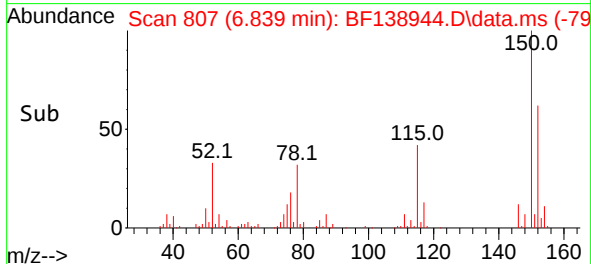
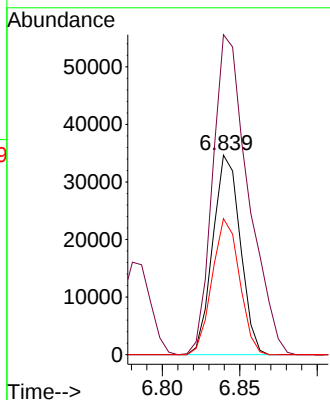
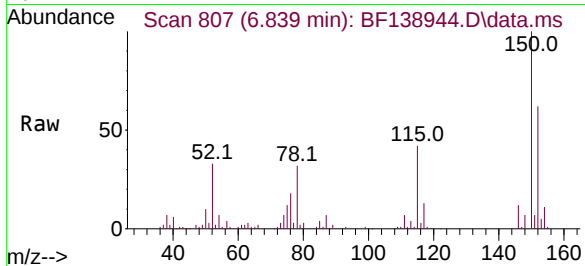




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

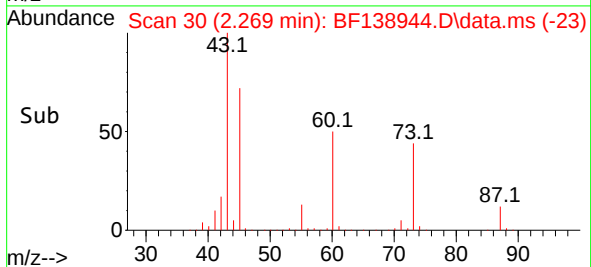
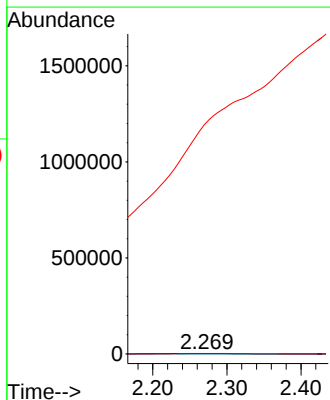
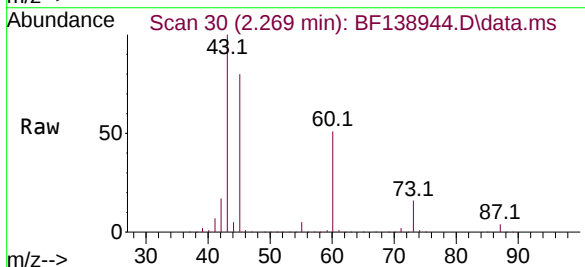
Instrument :
BNA_F
ClientSampleId :
RT4534MS

Tgt Ion:152 Resp: 42827
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 68.1 51.7 77.5



#2
1,4-Dioxane
Concen: 9.991 ng
RT: 2.269 min Scan# 30
Delta R.T. -0.306 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 88 Resp: 12136
Ion Ratio Lower Upper
88 100
58 45.3 71.6 107.4#
43 0.0 28.7 43.1#





#3

Pyridine

Concen: 12.730 ng

RT: 3.598 min Scan# 211

Delta R.T. 0.265 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

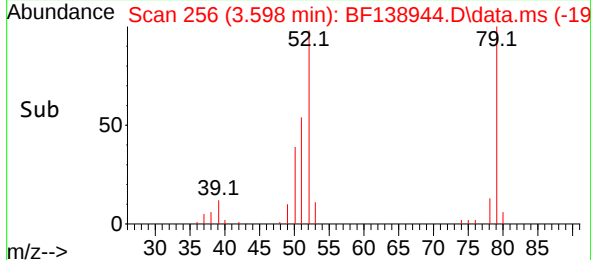
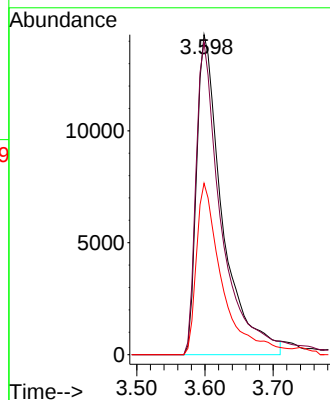
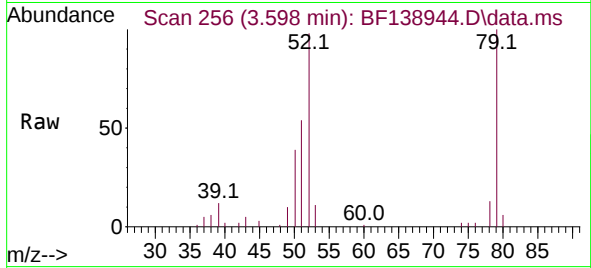
Tgt Ion: 79 Resp: 37456

Ion Ratio Lower Upper

79 100

52 97.6 74.7 112.1

51 53.6 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 72.658 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.218 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

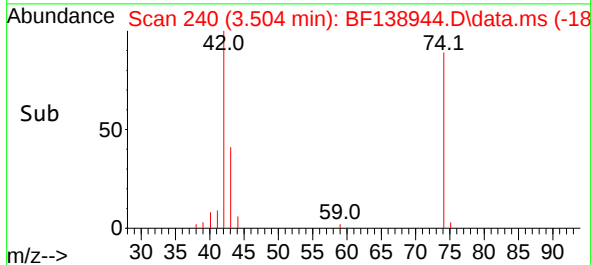
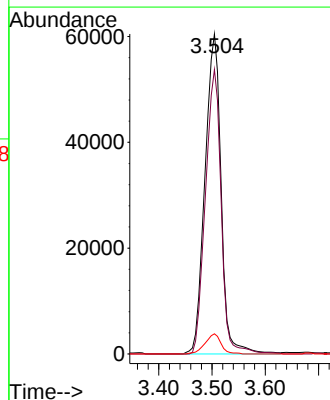
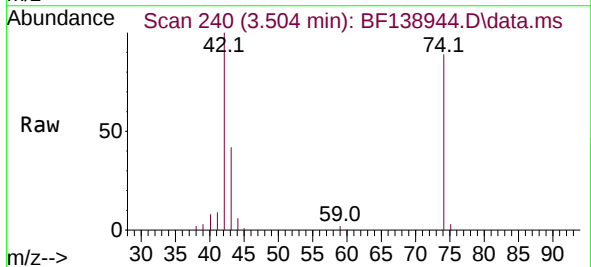
Tgt Ion: 42 Resp: 127329

Ion Ratio Lower Upper

42 100

74 88.9 84.2 126.4

44 6.3 4.9 7.3

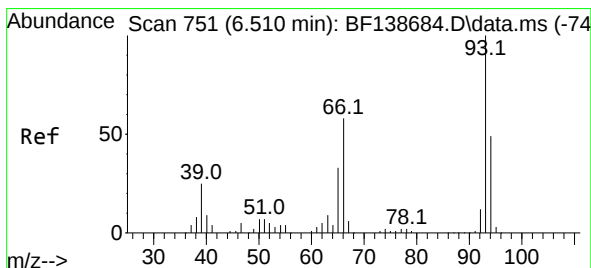
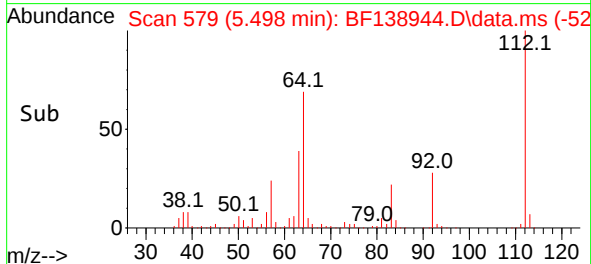
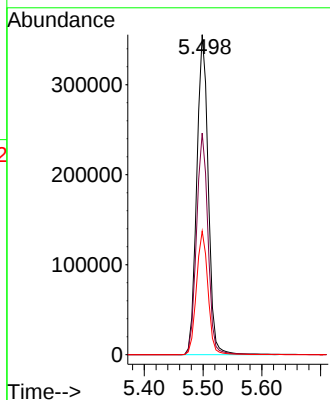
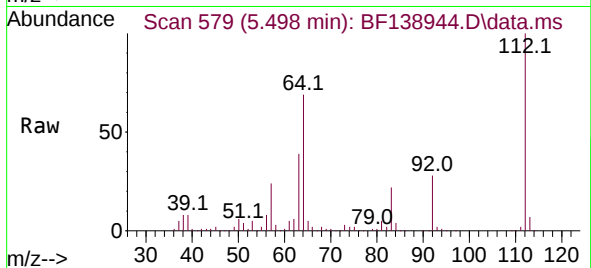




#5
2-Fluorophenol
Concen: 173.896 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

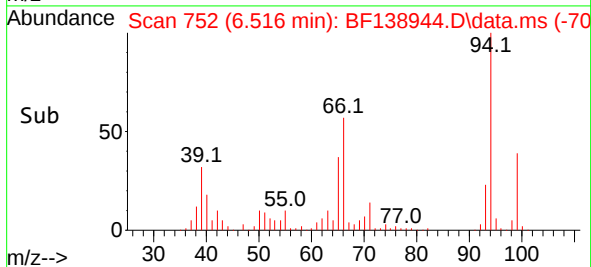
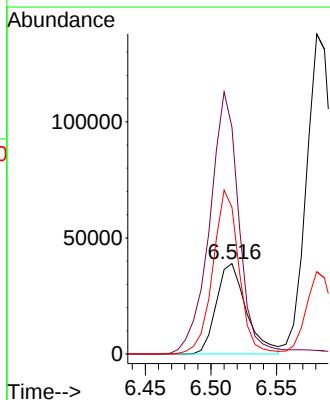
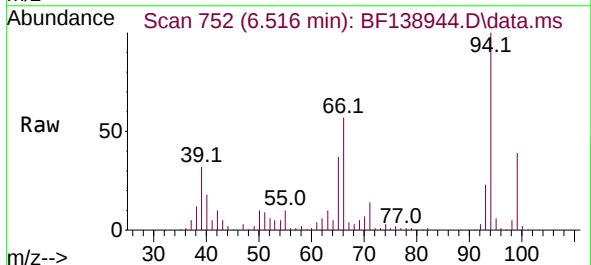
Instrument :
BNA_F
ClientSampleId :
RT4534MS

Tgt Ion:112 Resp: 482455
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 38.6 28.7 43.1



#6
Aniline
Concen: 18.660 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 93 Resp: 61988
Ion Ratio Lower Upper
93 100
66 250.7 46.9 70.3#
65 162.2 26.5 39.7#

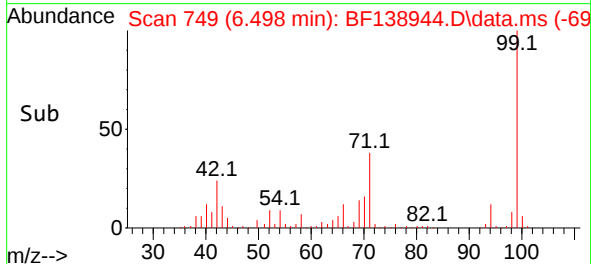
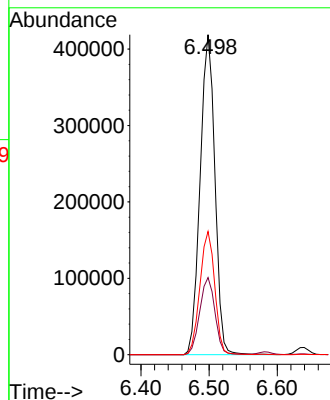
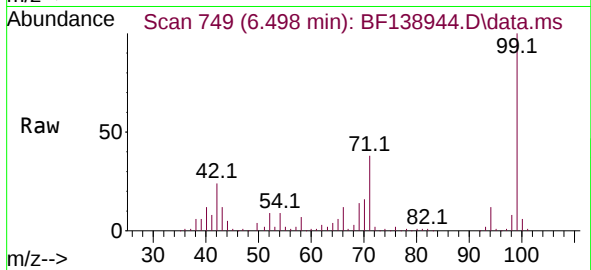




#7
Phenol-d6
Concen: 169.587 ng
RT: 6.498 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

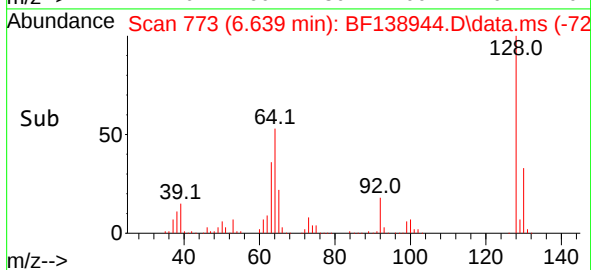
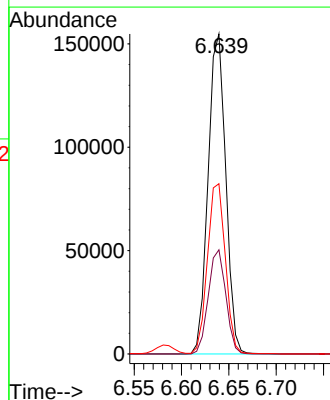
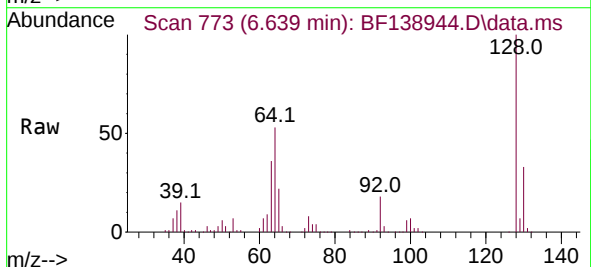
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BNA_F
ClientSampleId :
RT4534MS

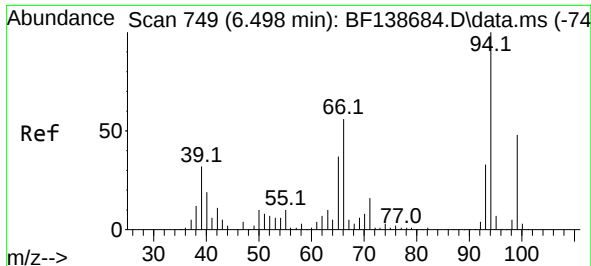
Tgt Ion: 99 Resp: 631695
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 38.5 28.1 42.1



#8
2-Chlorophenol
Concen: 68.604 ng
RT: 6.639 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 128 Resp: 200254
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 53.2 36.3 76.3





#10

Phenol

Concen: 62.216 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.012 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

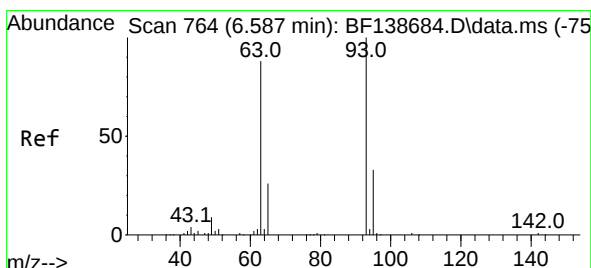
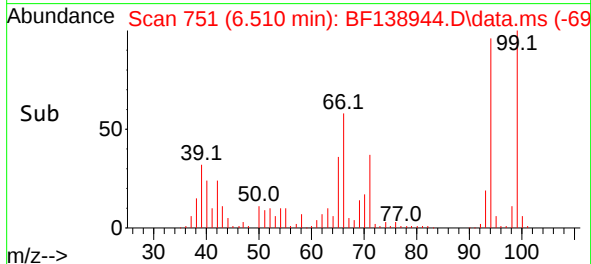
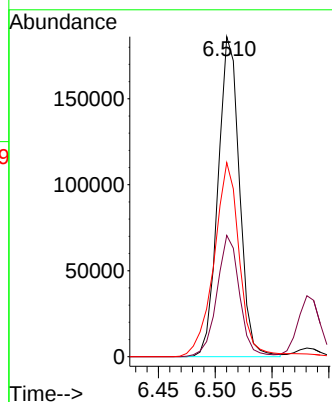
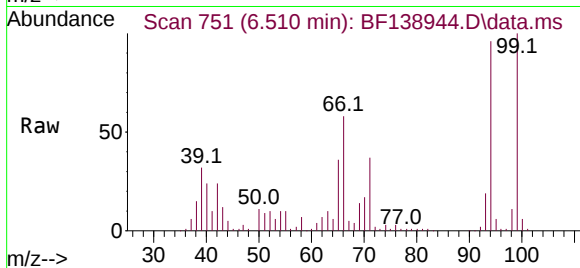
Tgt Ion: 94 Resp: 244006

Ion Ratio Lower Upper

94 100

65 37.9 16.9 56.9

66 60.7 36.5 76.5



#11

bis(2-Chloroethyl)ether

Concen: 63.201 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

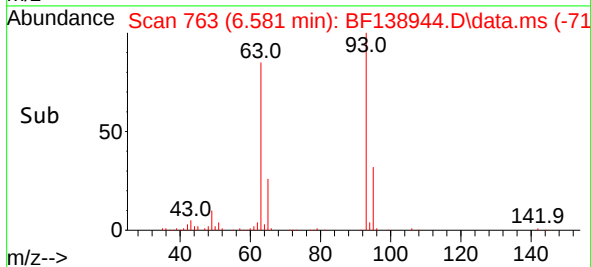
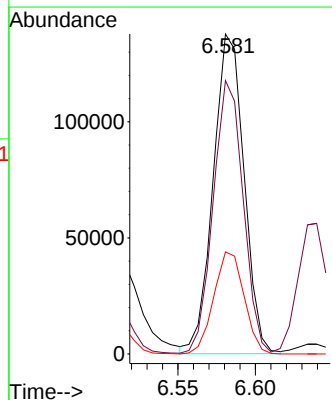
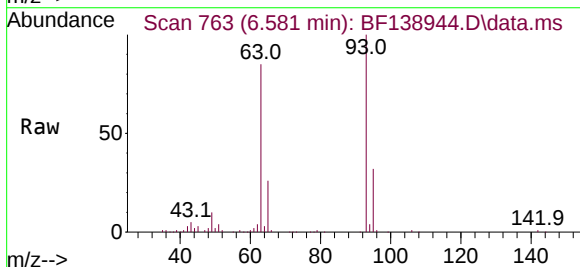
Tgt Ion: 93 Resp: 190743

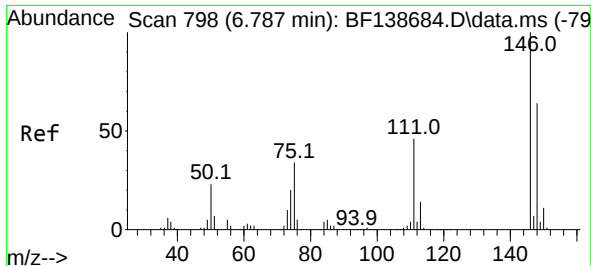
Ion Ratio Lower Upper

93 100

63 85.5 65.3 105.3

95 31.9 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 61.561 ng

RT: 6.781 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

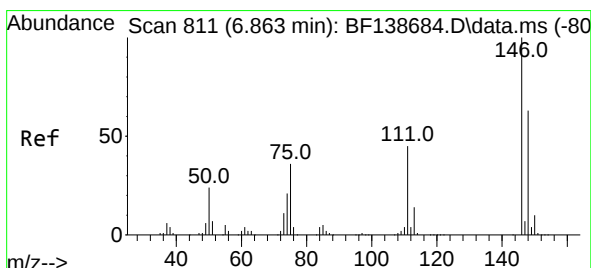
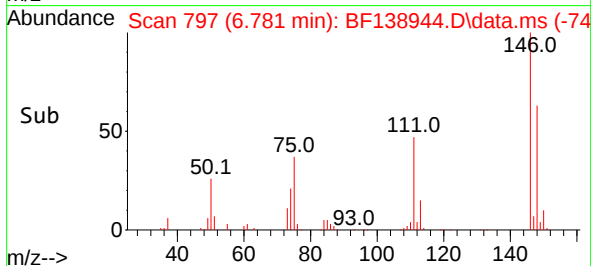
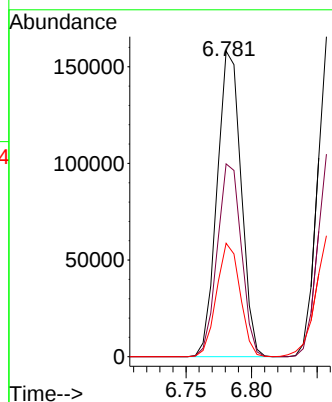
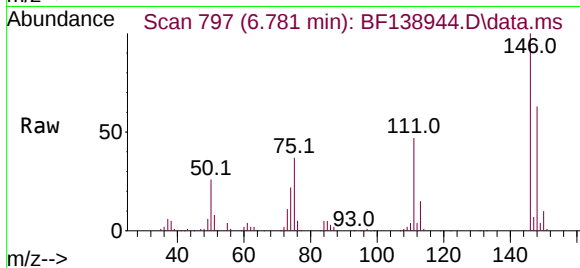
Tgt Ion:146 Resp: 201148

Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

75 37.1 27.4 41.2



#13

1,4-Dichlorobenzene

Concen: 62.595 ng

RT: 6.857 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

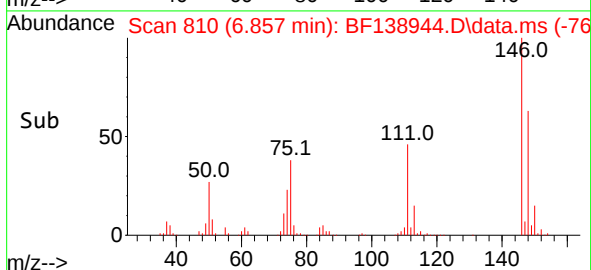
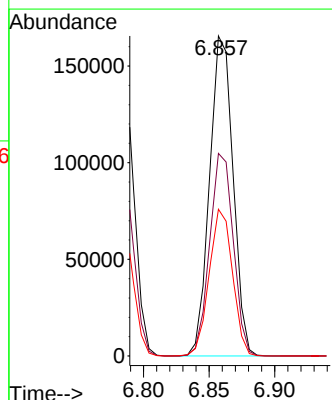
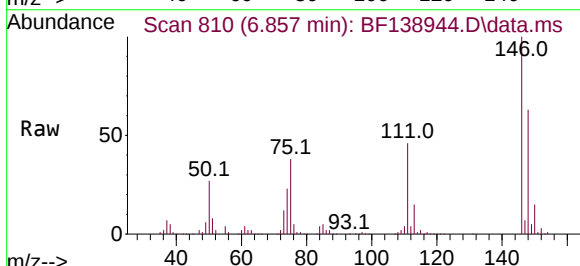
Tgt Ion:146 Resp: 206404

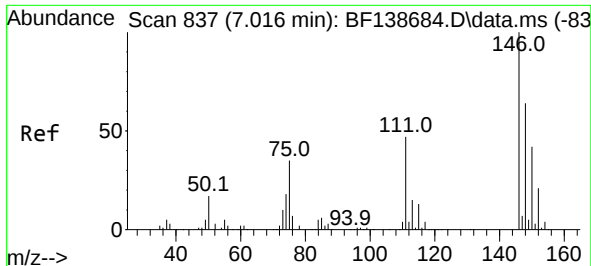
Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 45.9 35.9 53.9





#14

1,2-Dichlorobenzene

Concen: 63.568 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

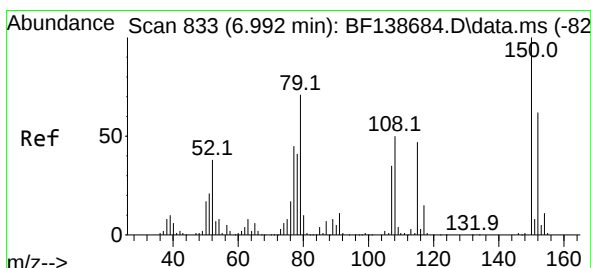
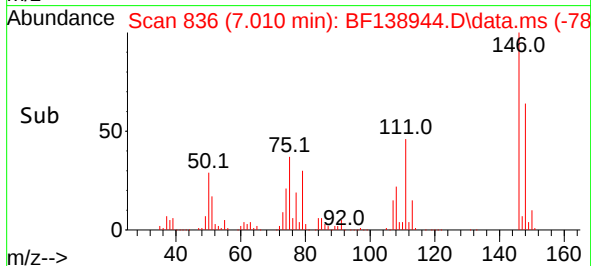
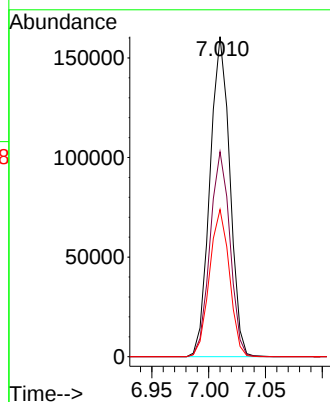
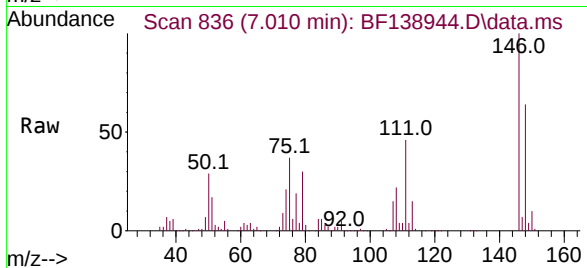
Tgt Ion:146 Resp: 195898

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 46.0 37.4 56.2



#15

Benzyl Alcohol

Concen: 69.393 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

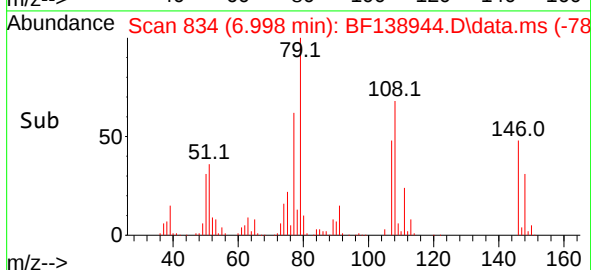
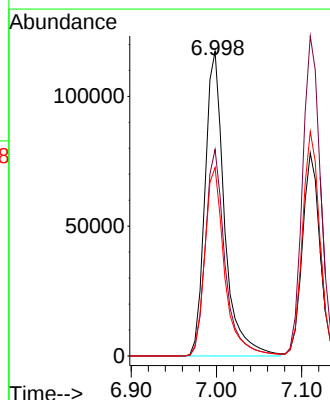
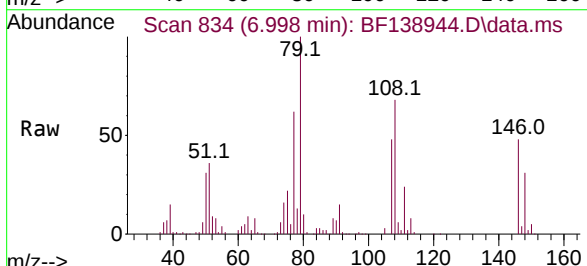
Tgt Ion: 79 Resp: 186300

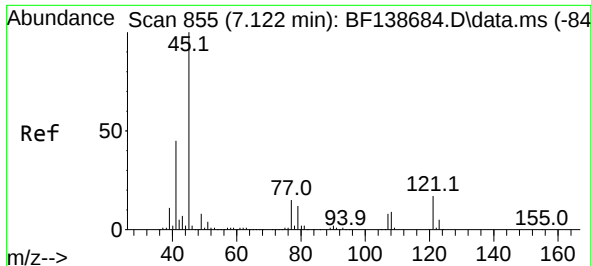
Ion Ratio Lower Upper

79 100

108 67.8 56.6 85.0

77 61.8 50.3 75.5

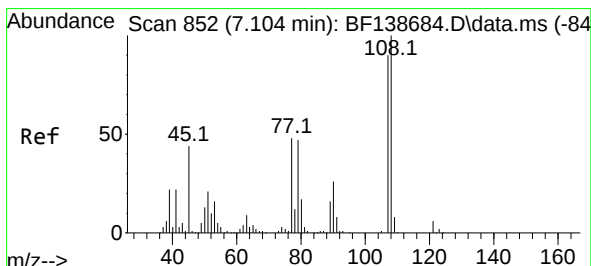
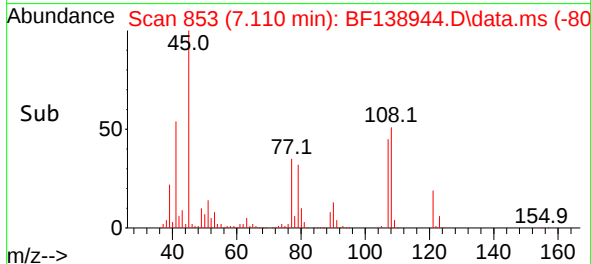
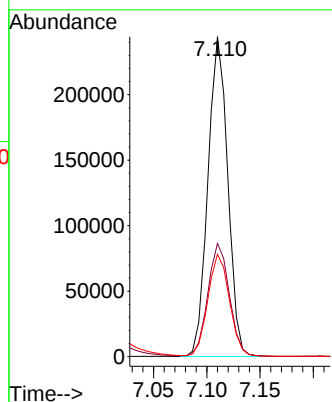
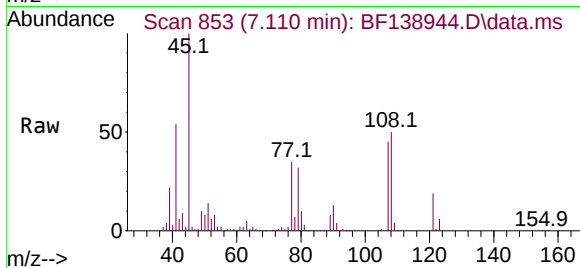




#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.734 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

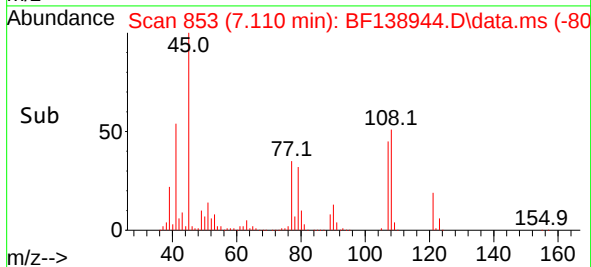
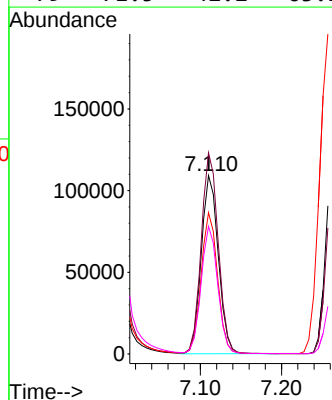
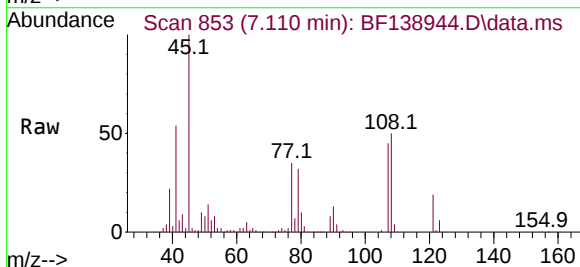
Instrument :
BNA_F
ClientSampleId :
RT4534MS

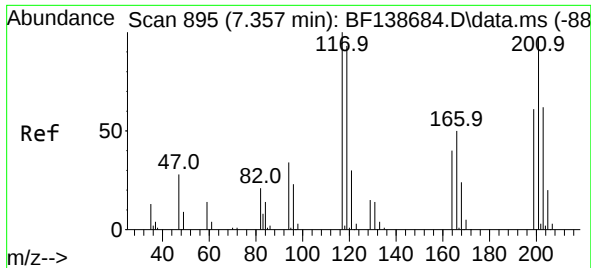
Tgt Ion: 45 Resp: 315446
Ion Ratio Lower Upper
45 100
77 35.4 0.0 34.9#
79 32.0 0.0 32.2



#17
2-Methylphenol
Concen: 66.255 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:107 Resp: 159697
Ion Ratio Lower Upper
107 100
108 112.9 89.2 133.8
77 79.2 43.0 64.4#
79 71.5 42.2 63.2#

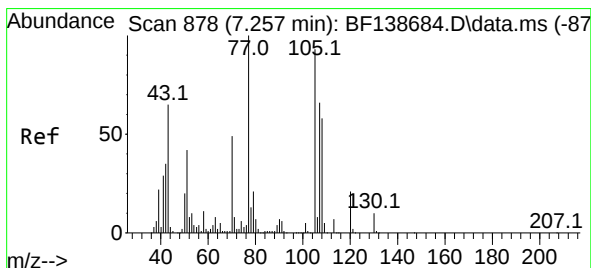
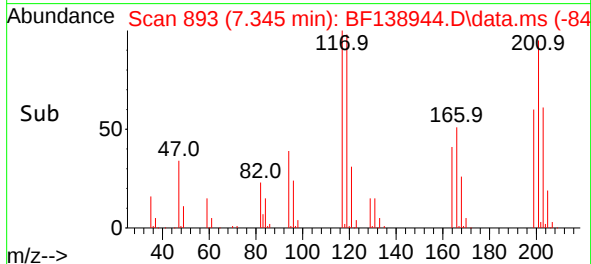
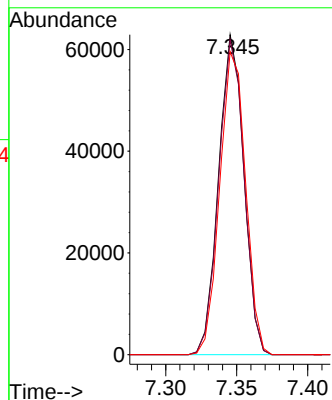
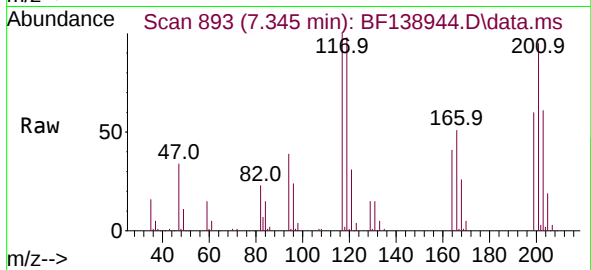




#18
Hexachloroethane
Concen: 62.758 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

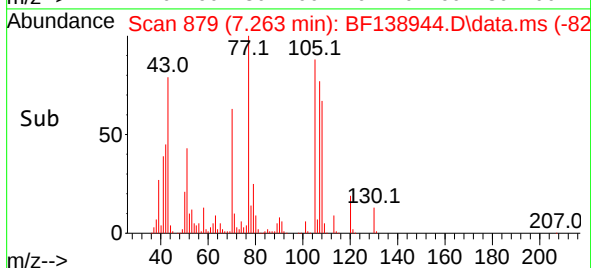
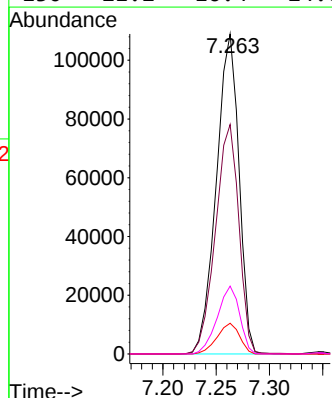
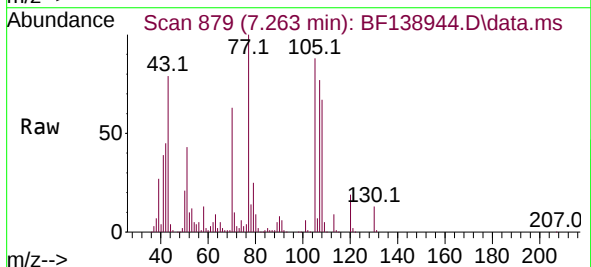
Instrument :
BNA_F
ClientSampleId :
RT4534MS

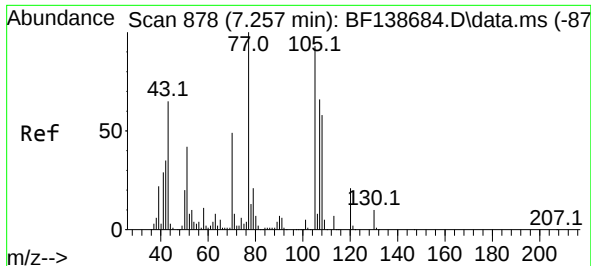
Tgt Ion:117 Resp: 77897
Ion Ratio Lower Upper
117 100
119 98.3 74.6 111.8
201 94.7 77.2 115.8



#19
n-Nitroso-di-n-propylamine
Concen: 71.472 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 70 Resp: 160795
Ion Ratio Lower Upper
70 100
42 71.7 57.4 86.0
101 9.6 7.5 11.3
130 21.2 16.4 24.6

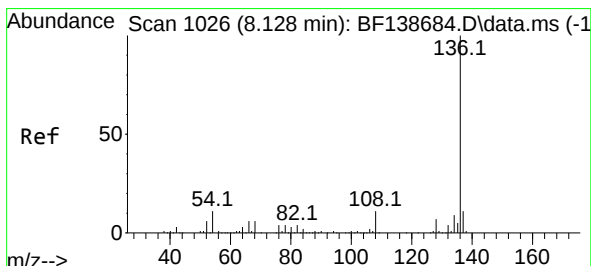
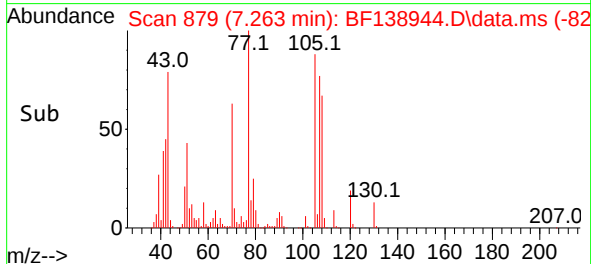
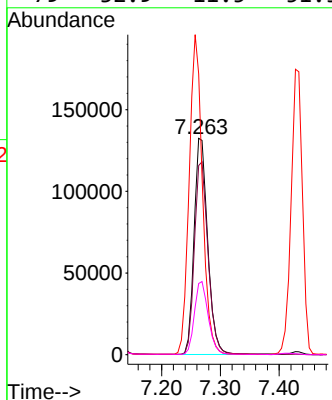
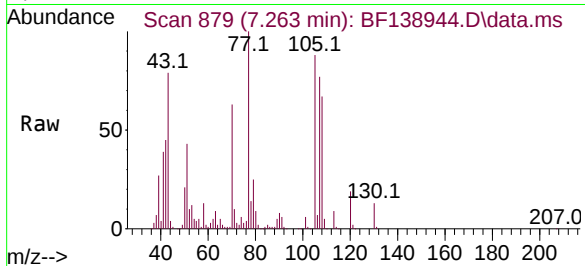




#20
3+4-Methylphenols
Concen: 68.790 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

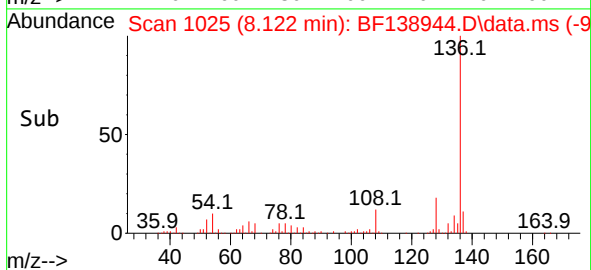
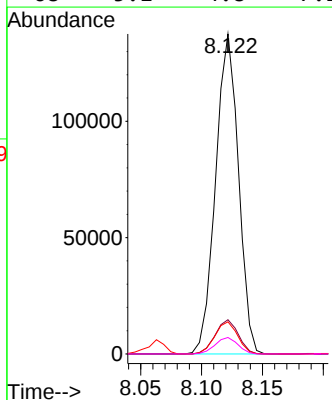
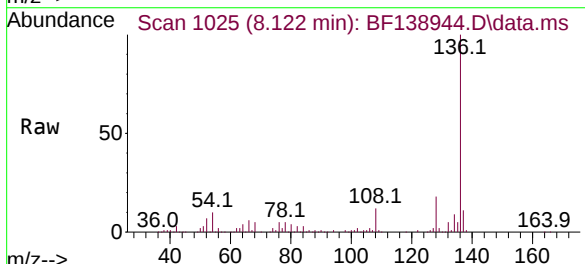
Instrument :
BNA_F
ClientSampleId :
RT4534MS

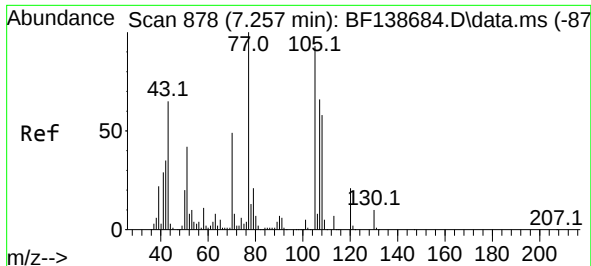
Tgt Ion:107 Resp: 212736
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 129.8 132.1 172.1#
79 32.9 11.5 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:136 Resp: 179725
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2



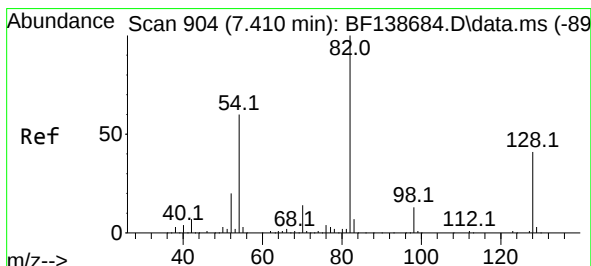
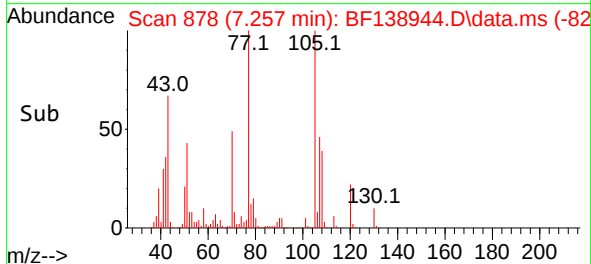
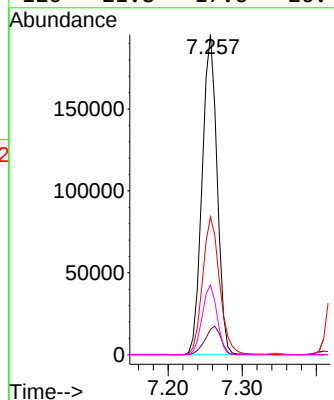
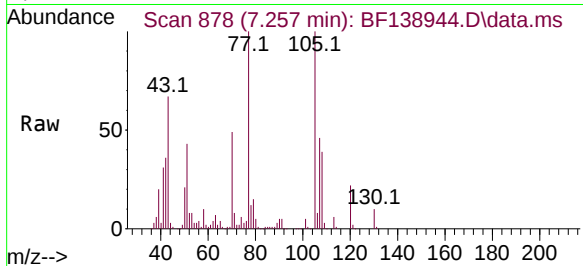


#22
Acetophenone
Concen: 62.298 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Instrument :
BNA_F
ClientSampleId :
RT4534MS

Tgt Ion:105 Resp: 274146

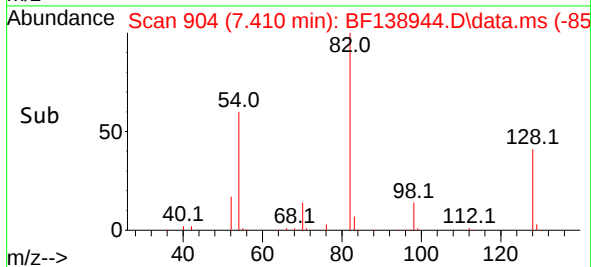
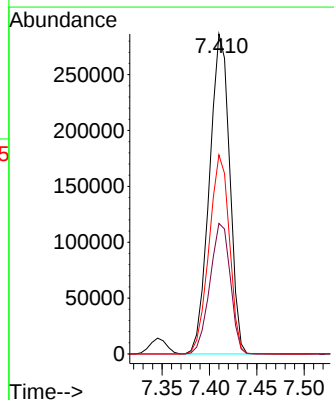
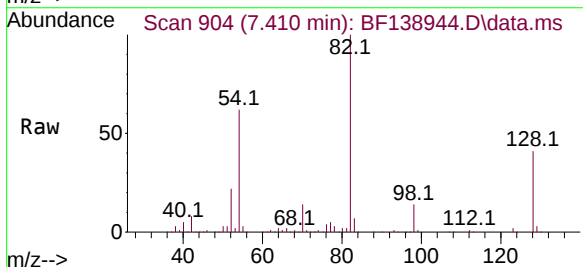
Ion	Ratio	Lower	Upper
105	100		
71	7.9	7.2	10.8
51	43.0	35.9	53.9
120	21.8	17.6	26.4

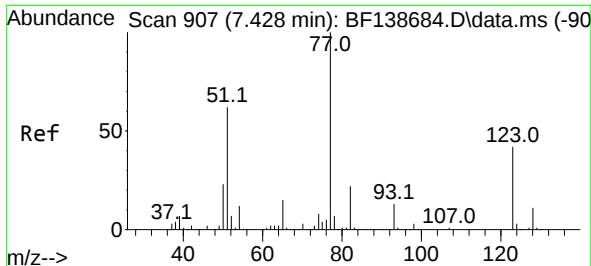


#23
Nitrobenzene-d5
Concen: 115.556 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 82 Resp: 424786

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	62.2	48.3	72.5

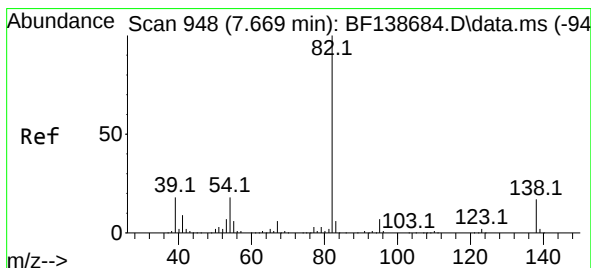
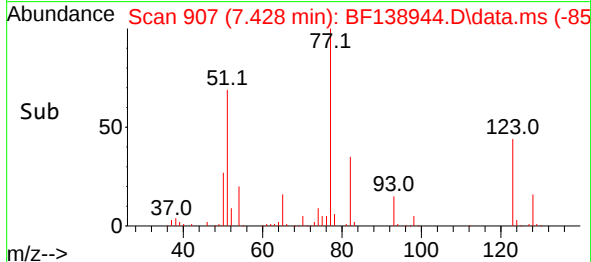
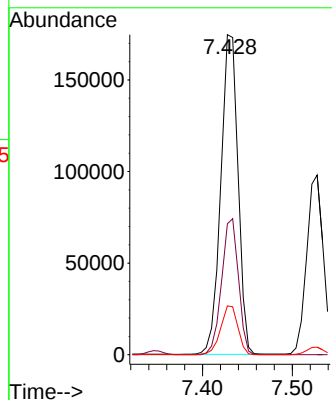
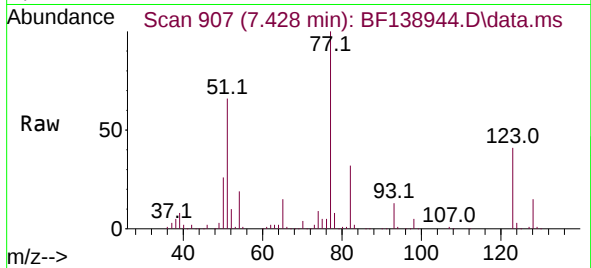




#24
Nitrobenzene
Concen: 62.334 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

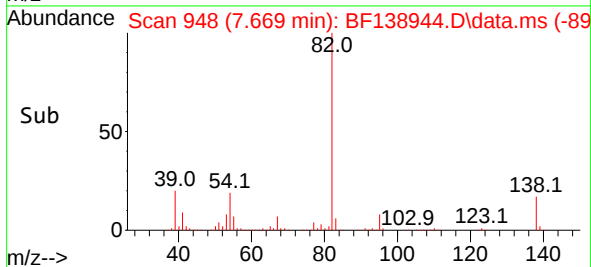
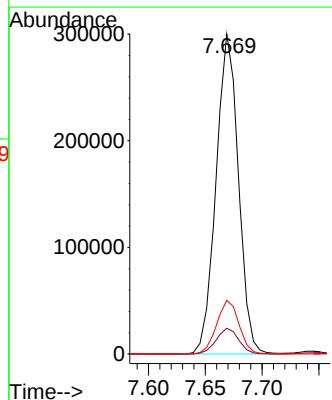
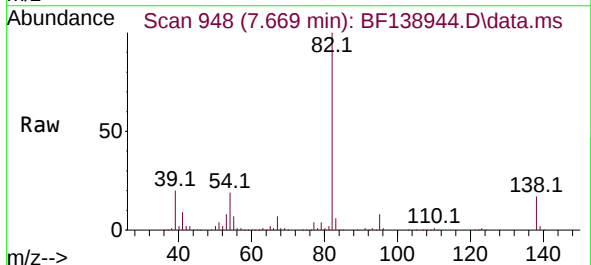
Instrument :
BNA_F
ClientSampleId :
RT4534MS

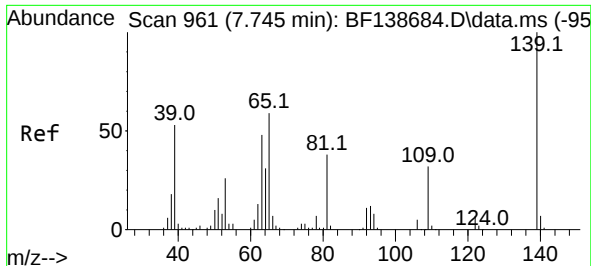
Tgt Ion: 77 Resp: 233168
Ion Ratio Lower Upper
77 100
123 40.9 33.3 49.9
65 15.3 11.9 17.9



#25
Isophorone
Concen: 65.474 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 82 Resp: 410977
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.8 13.7 20.5

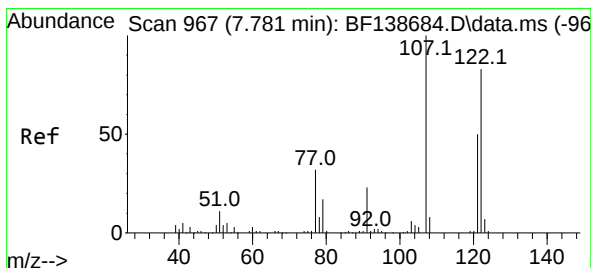
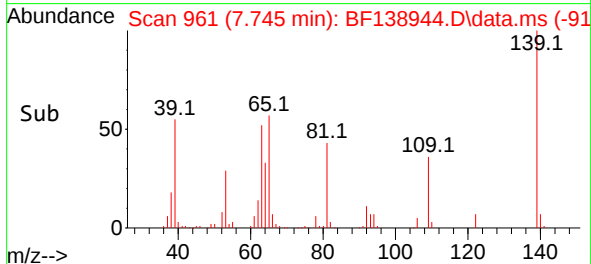
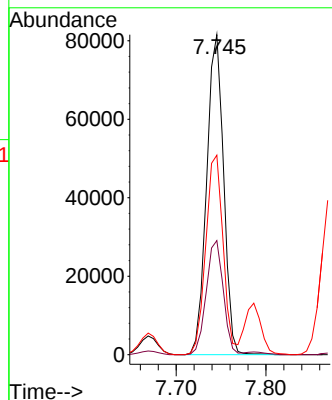
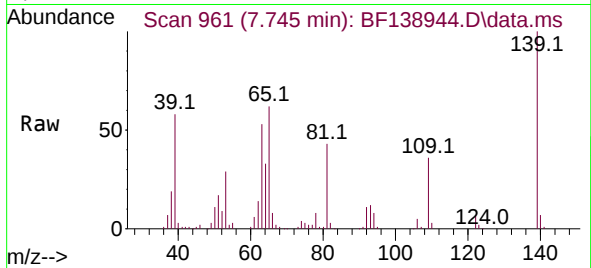




#26
2-Nitrophenol
Concen: 66.376 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

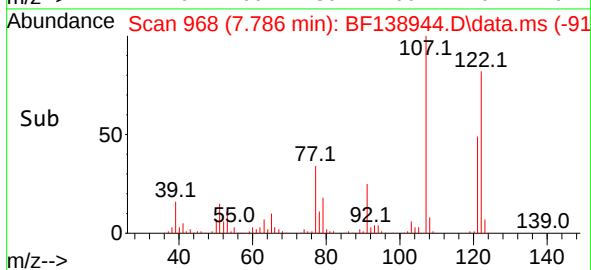
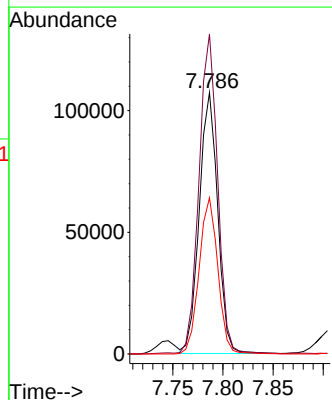
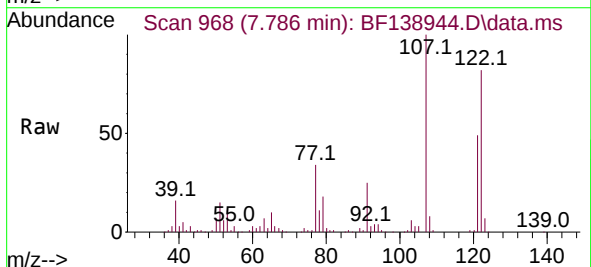
Instrument :
BNA_F
ClientSampleId :
RT4534MS

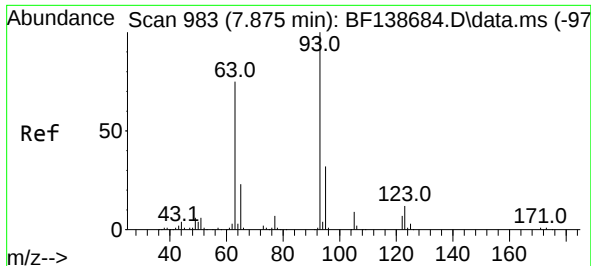
Tgt Ion:139 Resp: 106820
Ion Ratio Lower Upper
139 100
109 35.7 25.9 38.9
65 62.3 47.0 70.6



#27
2,4-Dimethylphenol
Concen: 71.428 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:122 Resp: 137534
Ion Ratio Lower Upper
122 100
107 122.3 95.0 142.6
121 59.7 47.3 70.9

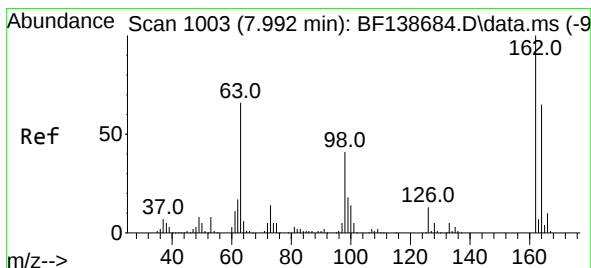
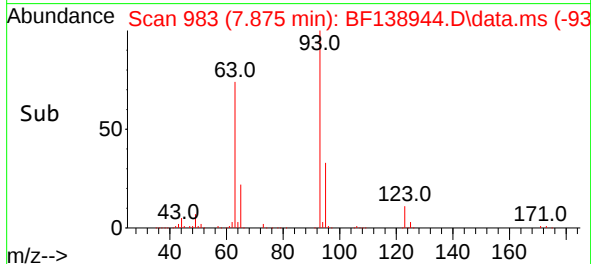
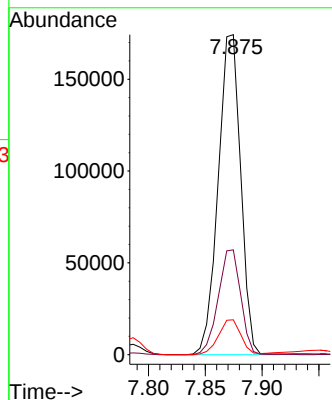
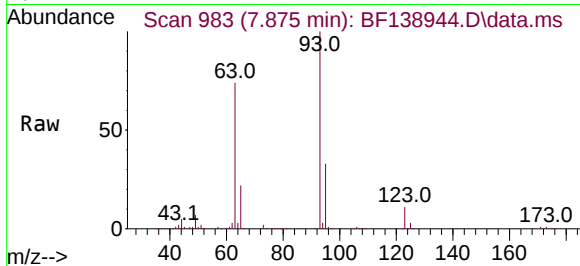




#28
bis(2-Chloroethoxy)methane
Concen: 62.946 ng
RT: 7.875 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

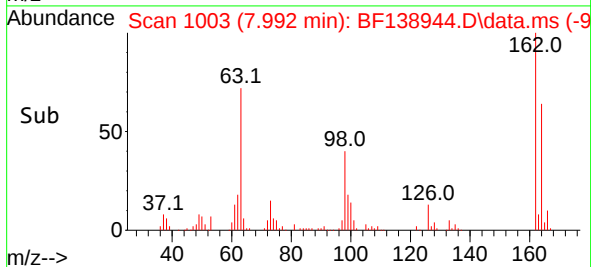
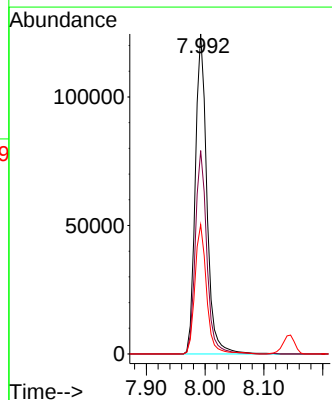
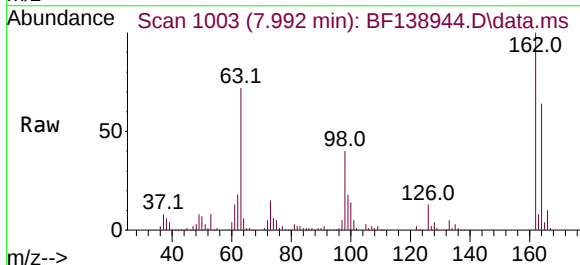
Instrument :
BNA_F
ClientSampleId :
RT4534MS

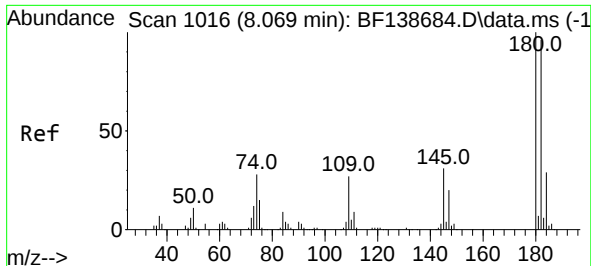
Tgt Ion: 93 Resp: 240610
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.9 9.4 14.0



#29
2,4-Dichlorophenol
Concen: 68.647 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:162 Resp: 169851
Ion Ratio Lower Upper
162 100
164 63.6 44.7 84.7
98 40.4 20.8 60.8

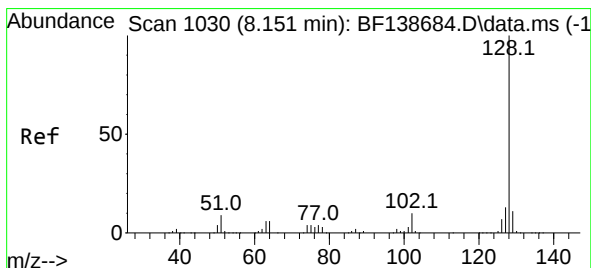
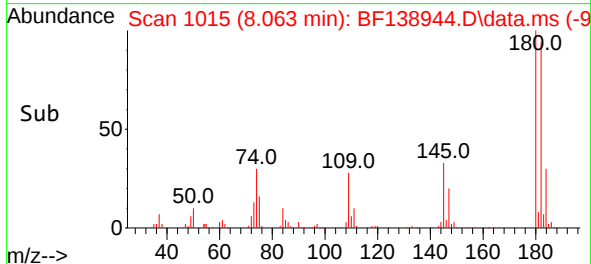
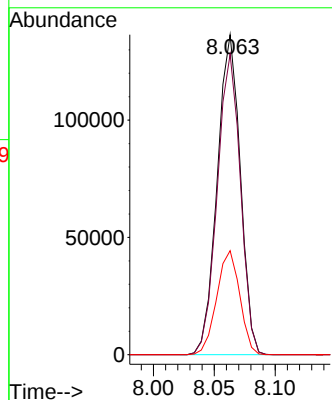
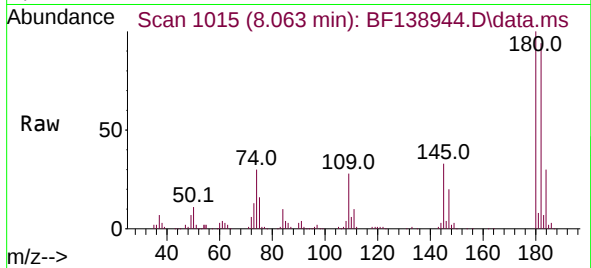




#30
1,2,4-Trichlorobenzene
Concen: 63.014 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

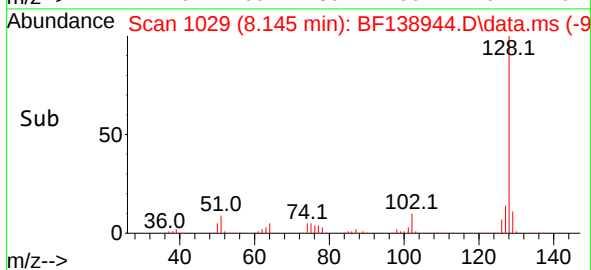
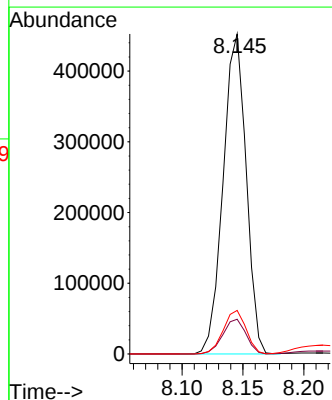
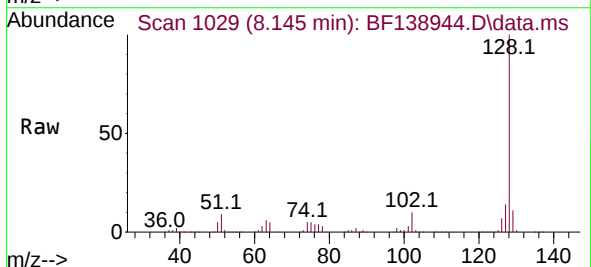
Instrument :
BNA_F
ClientSampleId :
RT4534MS

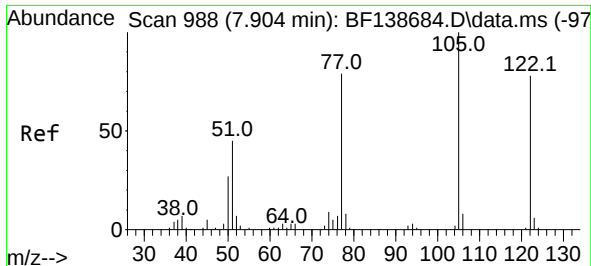
Tgt Ion:180 Resp: 179926
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 32.5 25.0 37.4



#31
Naphthalene
Concen: 62.930 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:128 Resp: 595328
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.6 16.0

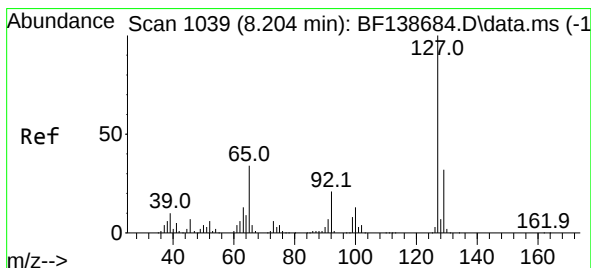
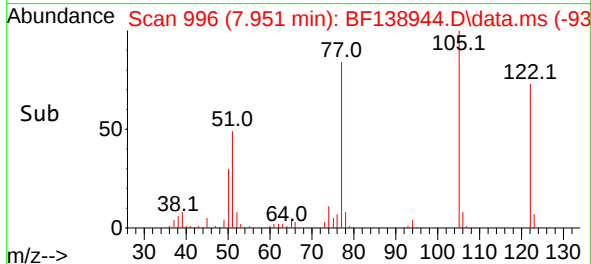
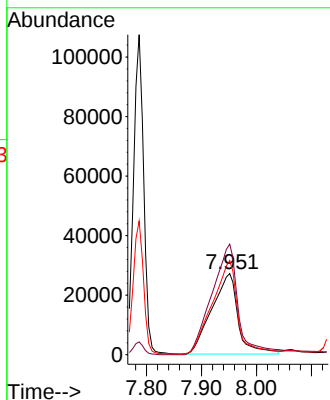
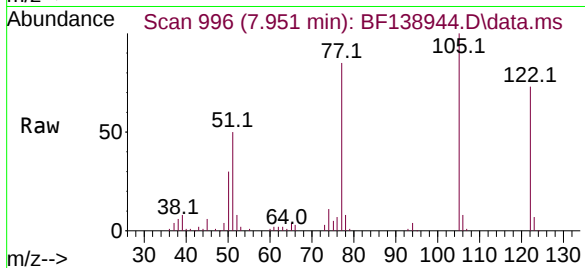




#32
Benzoic acid
Concen: 59.574 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.047 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

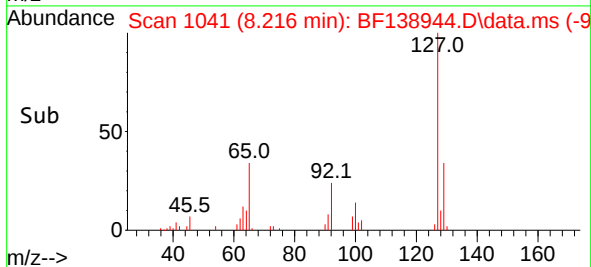
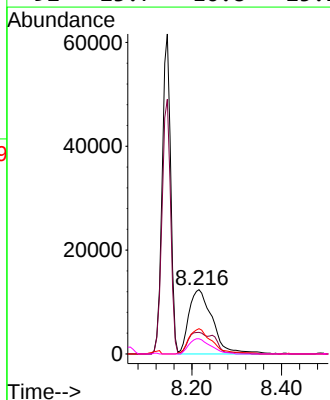
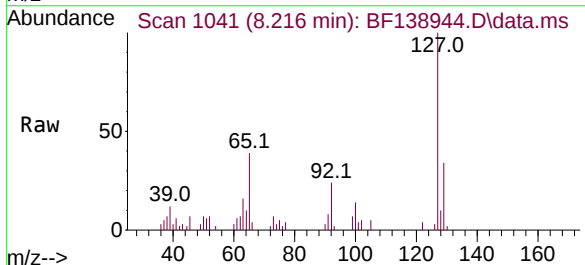
Instrument :
BNA_F
ClientSampleId :
RT4534MS

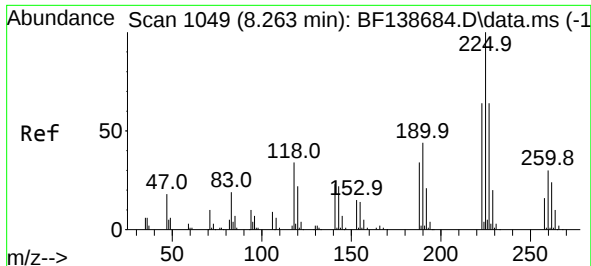
Tgt Ion:122 Resp: 90171
Ion Ratio Lower Upper
122 100
105 136.1 106.7 146.7
77 115.9 81.1 121.1



#33
4-Chloroaniline
Concen: 14.322 ng
RT: 8.216 min Scan# 1041
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

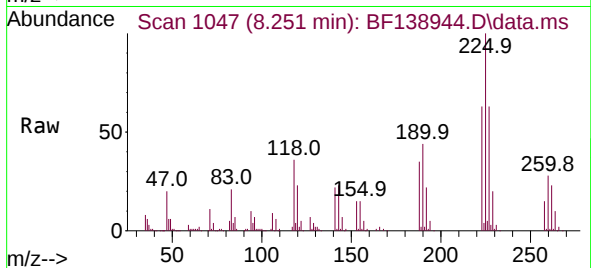
Tgt Ion:127 Resp: 45479
Ion Ratio Lower Upper
127 100
129 33.6 25.9 38.9
65 39.2 27.6 41.4
92 23.7 16.8 25.2



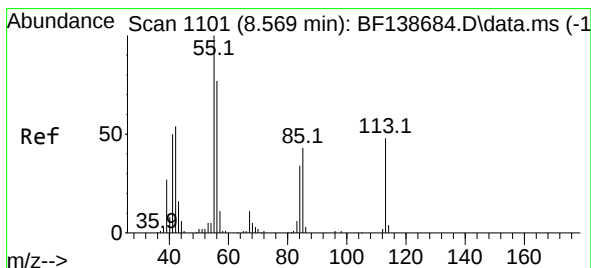
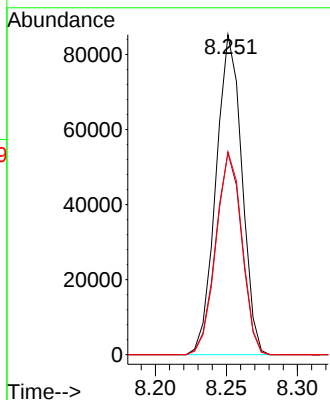
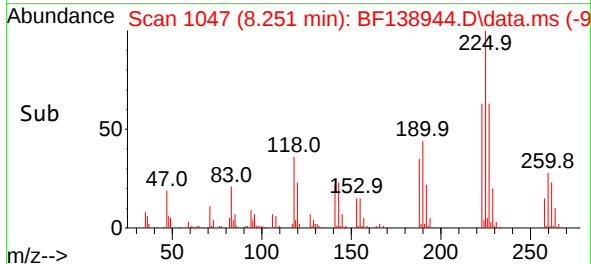


#34
Hexachlorobutadiene
Concen: 62.532 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Instrument :
BNA_F
ClientSampleId :
RT4534MS

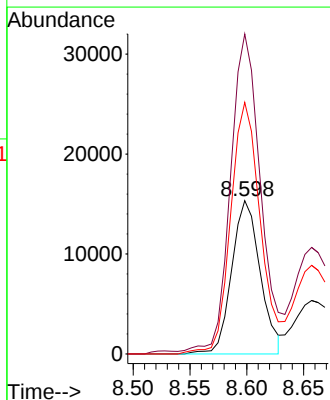
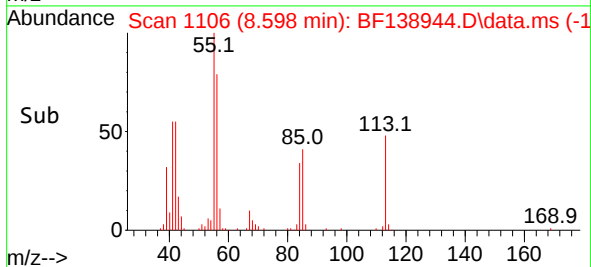
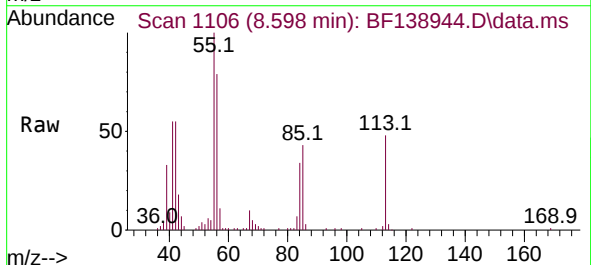


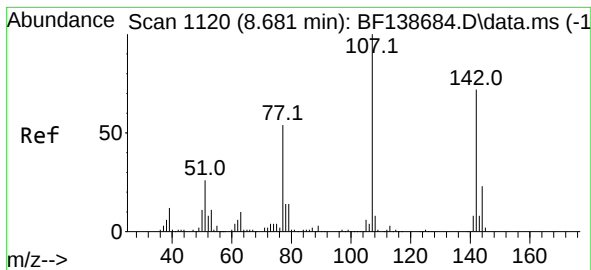
Tgt Ion:225 Resp: 108148
Ion Ratio Lower Upper
225 100
223 63.1 51.2 76.8
227 63.4 51.1 76.7



#35
Caprolactam
Concen: 36.275 ng
RT: 8.598 min Scan# 1106
Delta R.T. 0.029 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:113 Resp: 26781
Ion Ratio Lower Upper
113 100
55 208.8 186.7 226.7
56 164.1 138.9 178.9

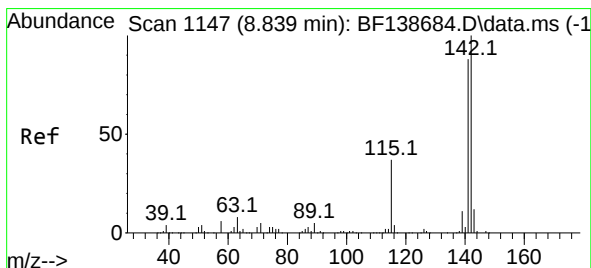
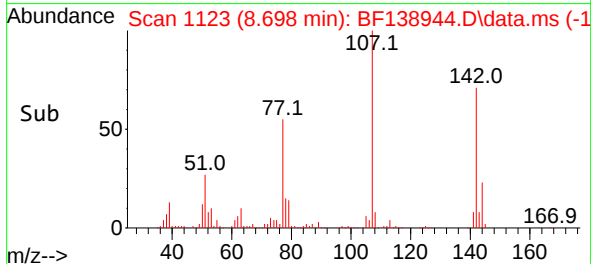
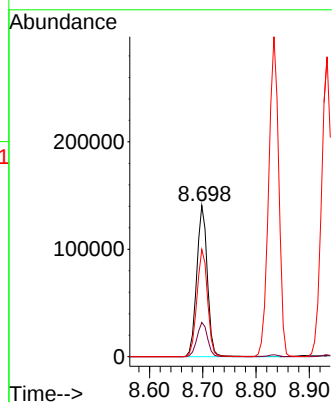
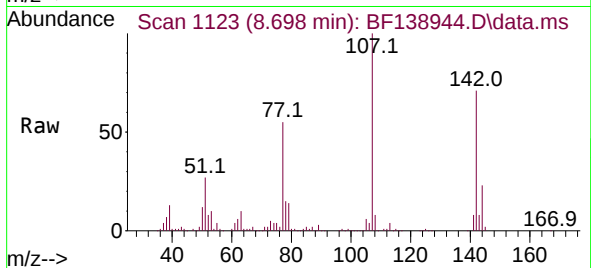




#36
4-Chloro-3-methylphenol
Concen: 69.075 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

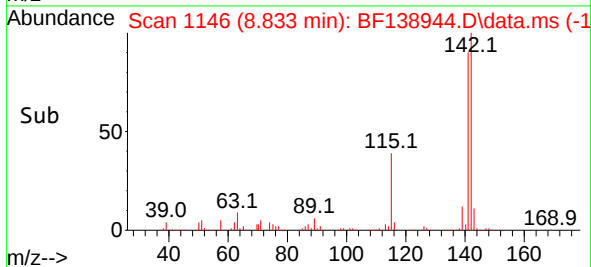
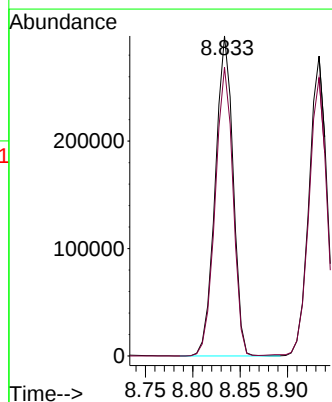
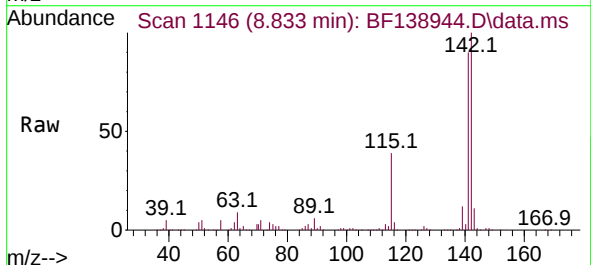
Instrument :
BNA_F
ClientSampleId :
RT4534MS

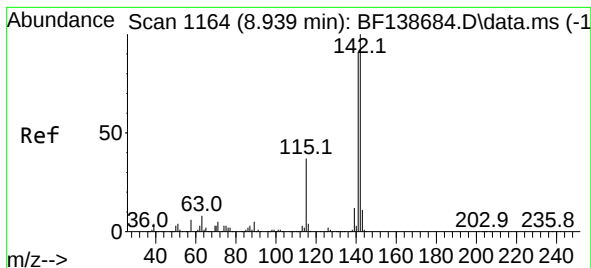
Tgt Ion:107 Resp: 195324
Ion Ratio Lower Upper
107 100
144 22.7 18.2 27.2
142 70.9 57.4 86.2



#37
2-Methylnaphthalene
Concen: 65.443 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:142 Resp: 390997
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2





#38

1-Methylnaphthalene

Concen: 61.507 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

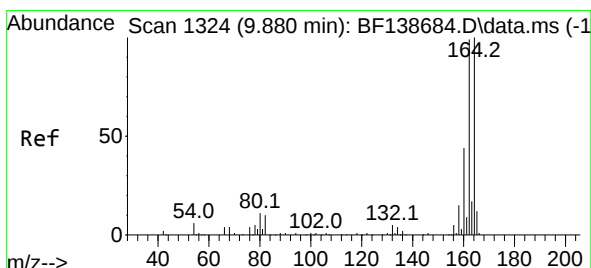
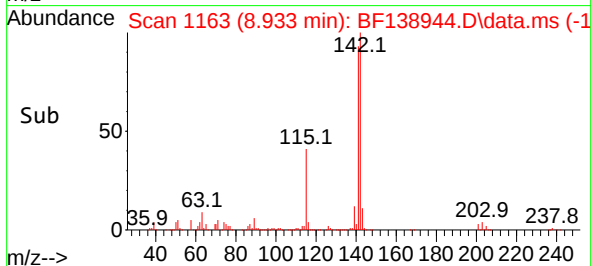
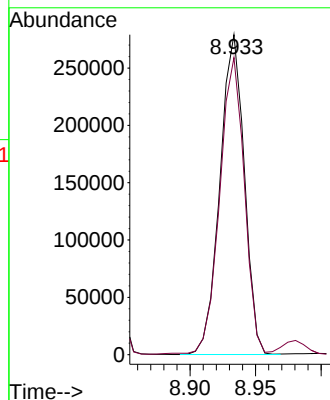
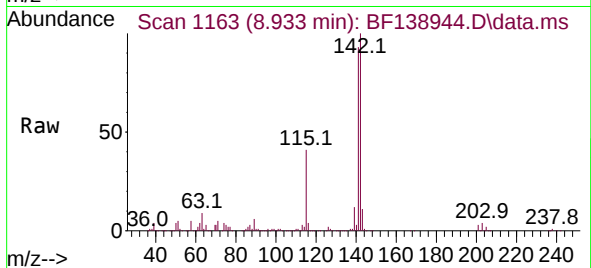
RT4534MS

Tgt Ion:142 Resp: 360099

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

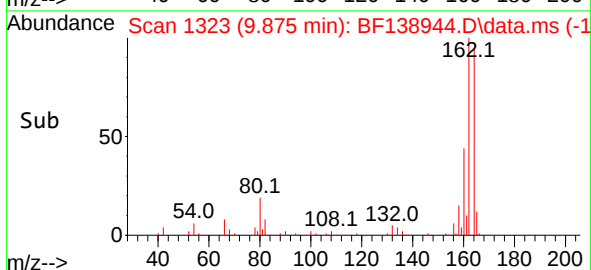
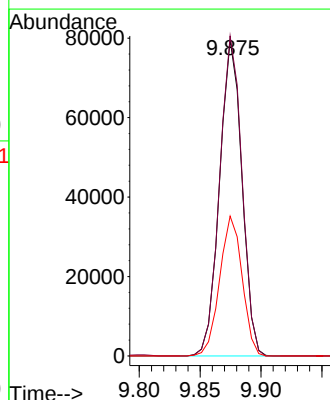
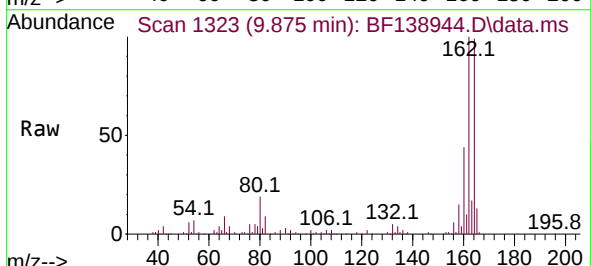
Tgt Ion:164 Resp: 101576

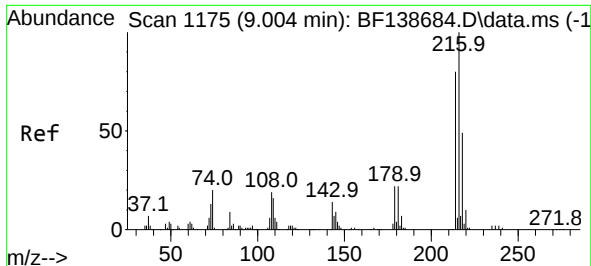
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.0

160 44.2 35.1 52.7

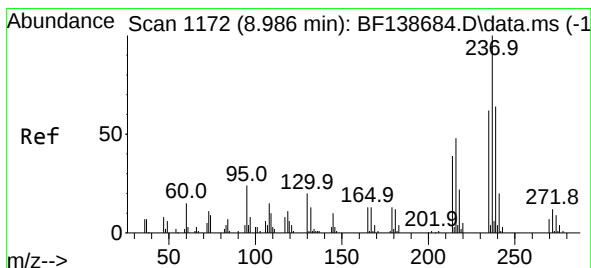
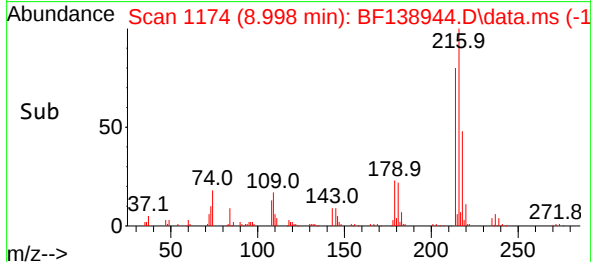
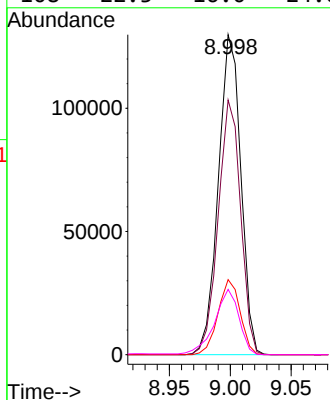
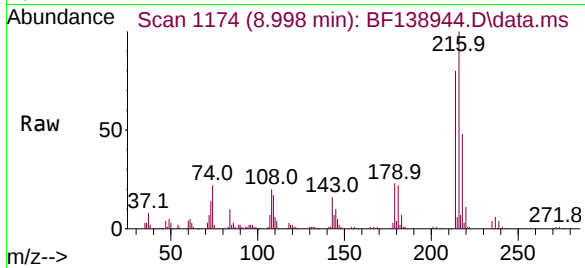




#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.148 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

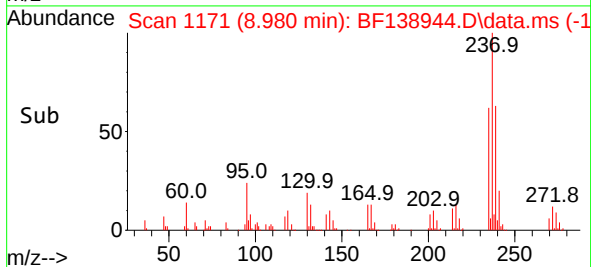
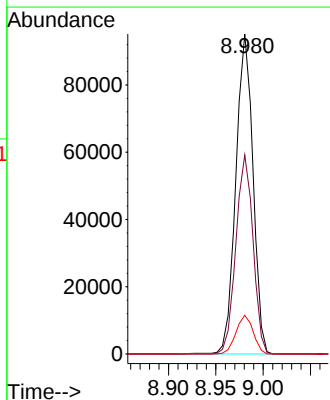
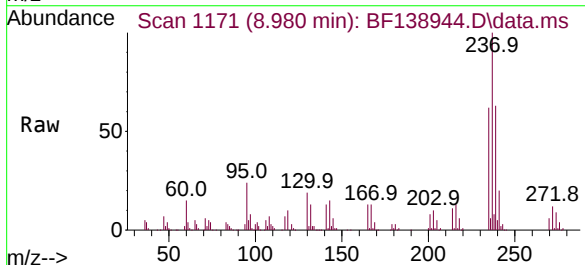
Instrument :
BNA_F
ClientSampleId :
RT4534MS

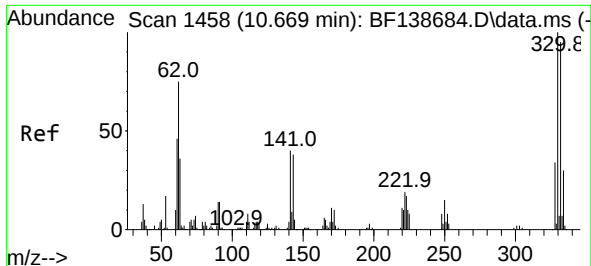
Tgt Ion:	216	Resp:	166896
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	23.1	17.8	26.6
108	22.3	16.0	24.0



#41
Hexachlorocyclopentadiene
Concen: 153.635 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:	237	Resp:	119988
Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.8	81.8
272	12.1	0.0	32.2





#42

2,4,6-Tribromophenol

Concen: 191.967 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

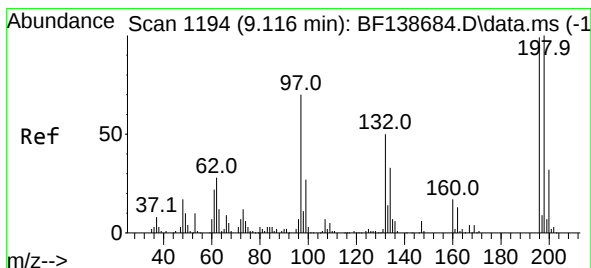
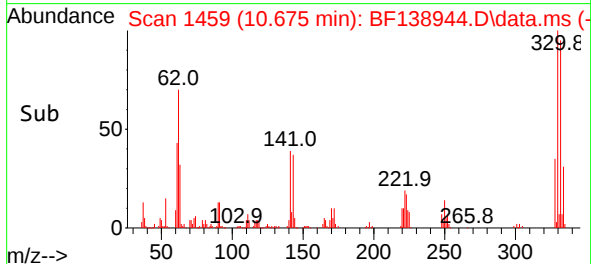
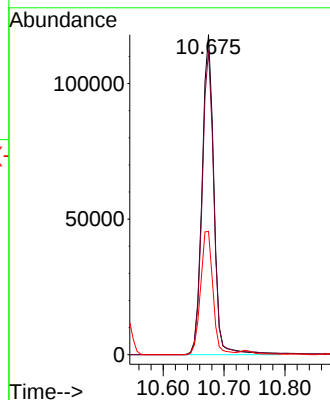
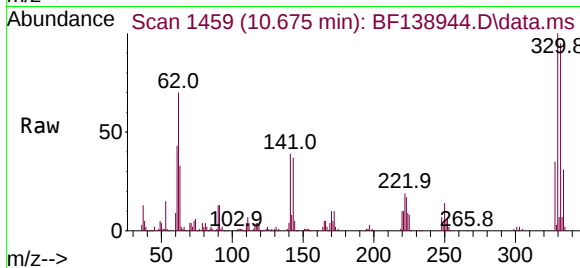
Tgt Ion:330 Resp: 159725

Ion Ratio Lower Upper

330 100

332 93.4 76.4 114.6

141 40.2 31.1 46.7



#43

2,4,6-Trichlorophenol

Concen: 66.830 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

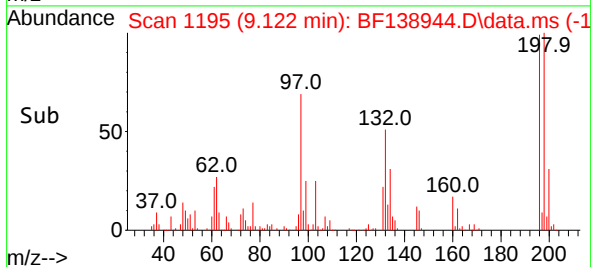
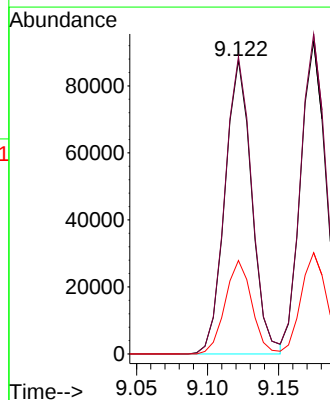
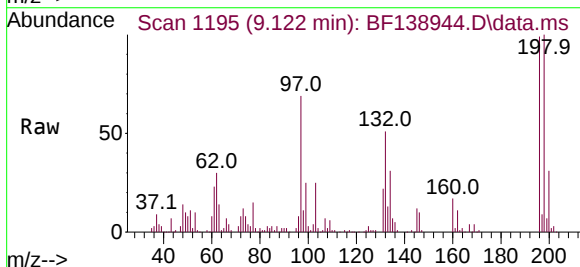
Tgt Ion:196 Resp: 114975

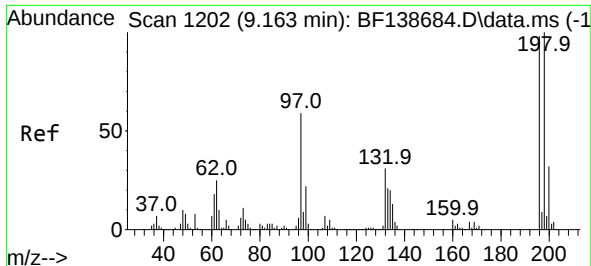
Ion Ratio Lower Upper

196 100

198 101.3 80.5 120.7

200 31.8 25.9 38.9

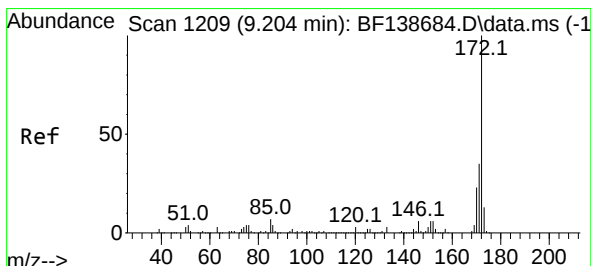
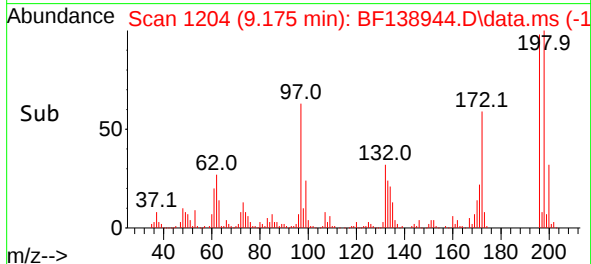
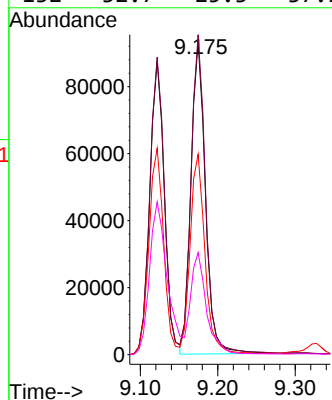
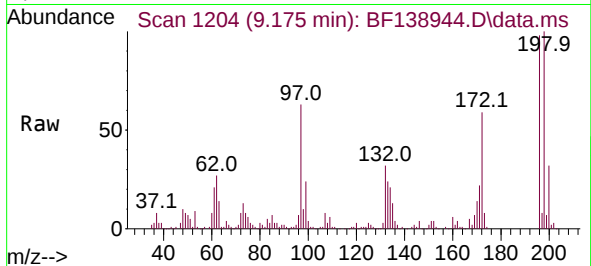




#44
2,4,5-Trichlorophenol
Concen: 64.169 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

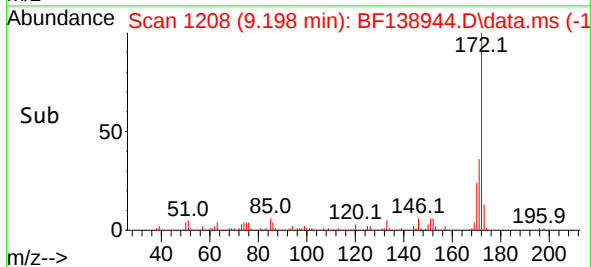
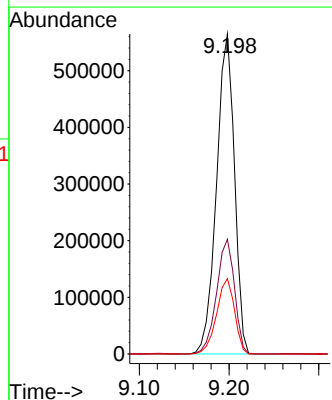
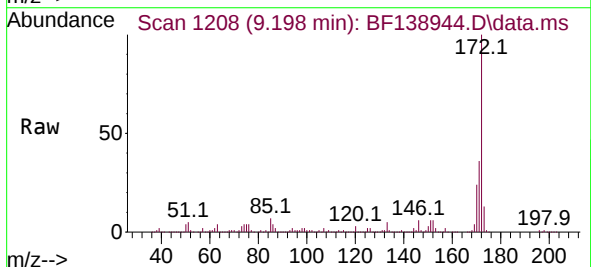
Instrument :
BNA_F
ClientSampleId :
RT4534MS

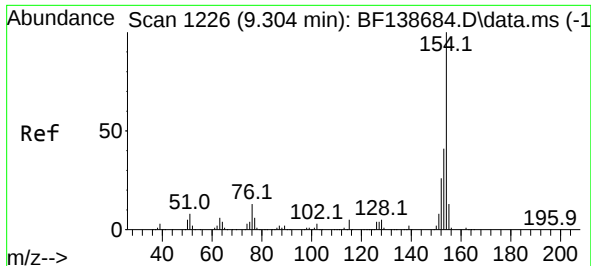
Tgt Ion:196 Resp: 120687
Ion Ratio Lower Upper
196 100
198 102.4 81.2 121.8
97 64.1 47.8 71.6
132 32.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 115.787 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:172 Resp: 782773
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 18.8 28.2

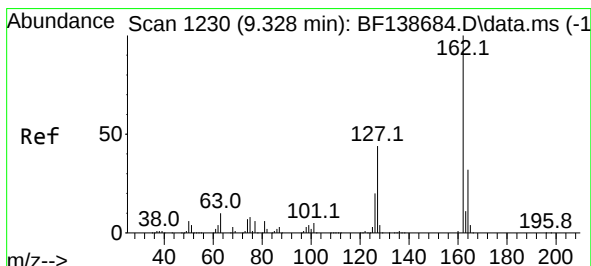
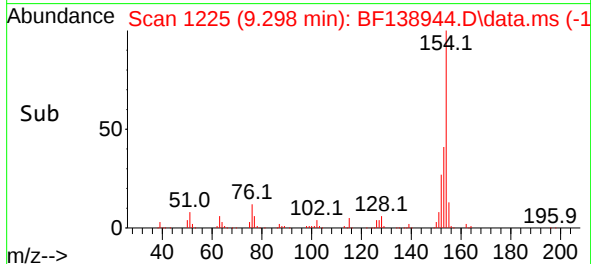
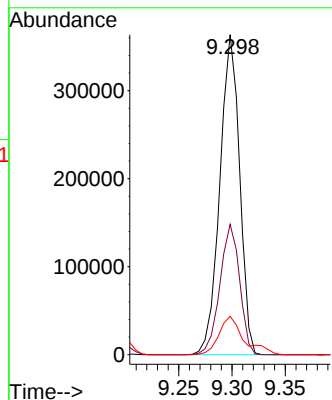
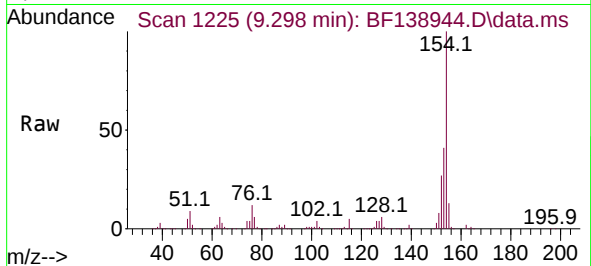




#46
1,1'-Biphenyl
Concen: 58.808 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

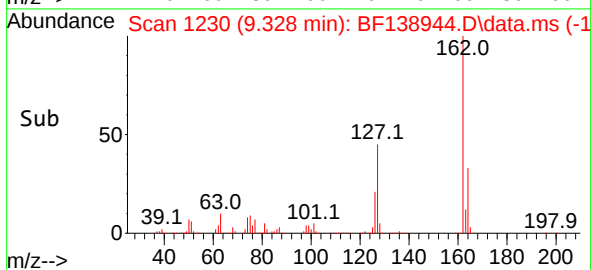
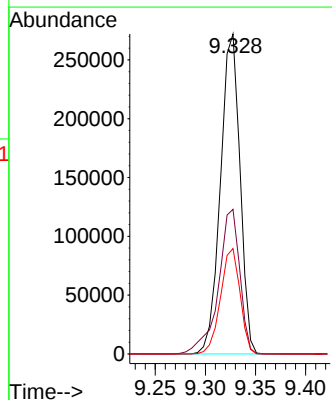
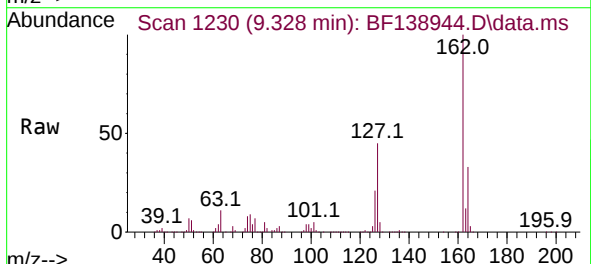
Instrument :
BNA_F
ClientSampleId :
RT4534MS

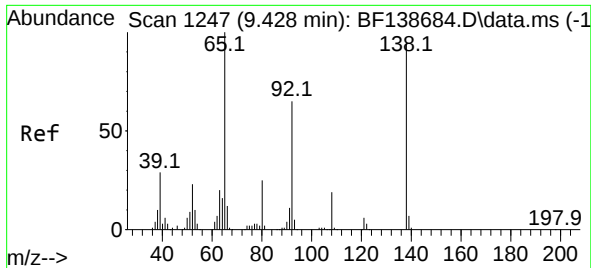
Tgt Ion:154 Resp: 467836
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.0 0.0 32.8



#47
2-Chloronaphthalene
Concen: 62.257 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:162 Resp: 368351
Ion Ratio Lower Upper
162 100
127 45.2 35.4 53.2
164 32.9 25.6 38.4

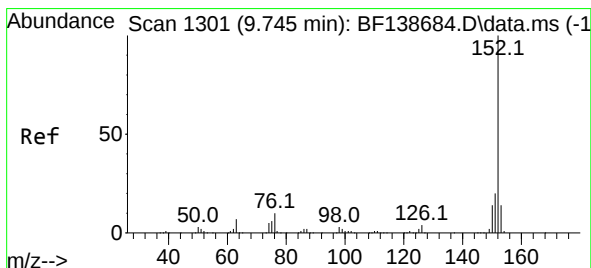
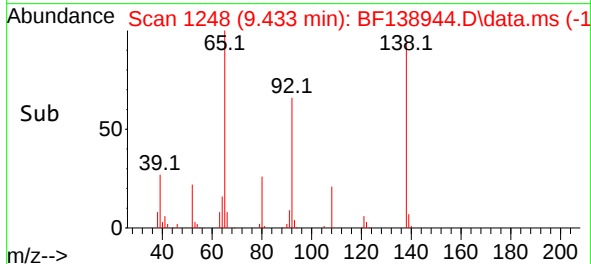
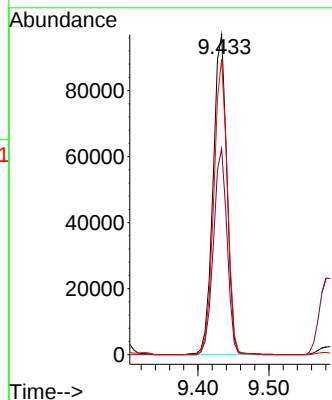
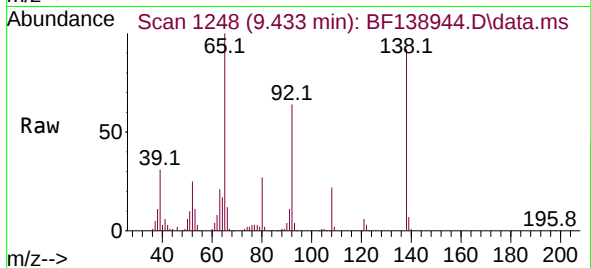




#48
2-Nitroaniline
Concen: 65.171 ng
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

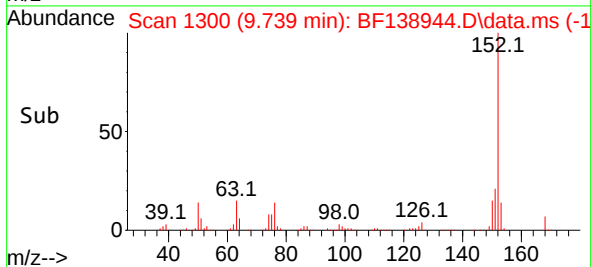
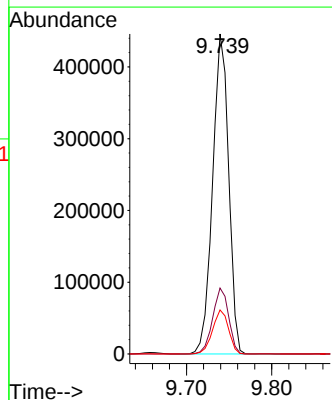
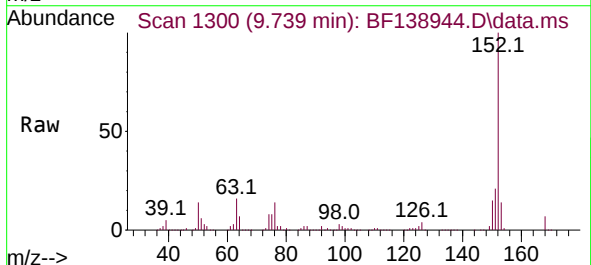
Instrument :
BNA_F
ClientSampleId :
RT4534MS

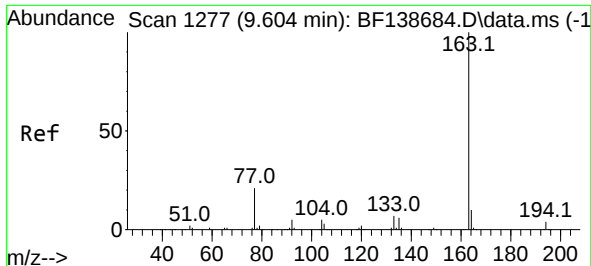
Tgt Ion: 65 Resp: 130720
Ion Ratio Lower Upper
65 100
92 64.4 52.0 78.0
138 92.3 76.2 114.4



#49
Acenaphthylene
Concen: 69.500 ng
RT: 9.739 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 152 Resp: 583209
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.8 11.0 16.4

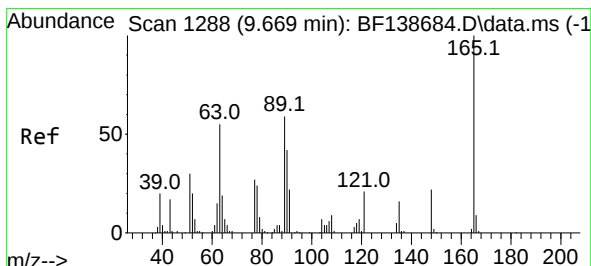
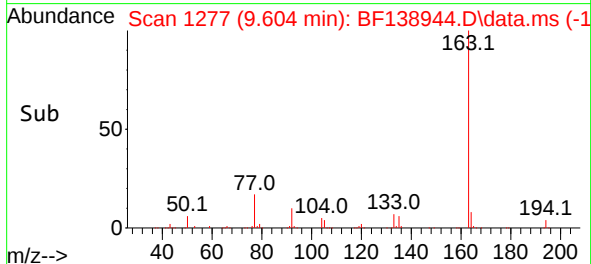
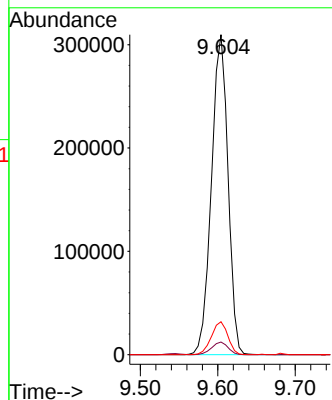
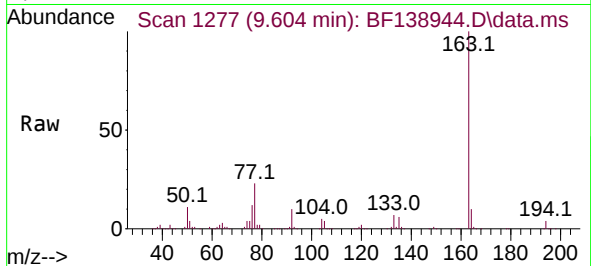




#50
Dimethylphthalate
Concen: 70.859 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

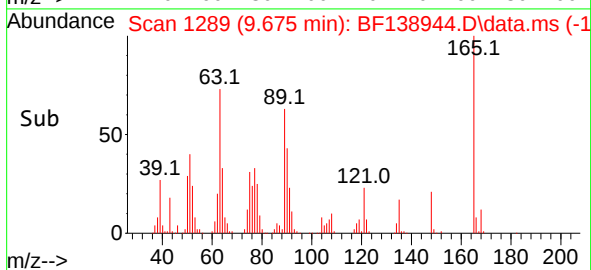
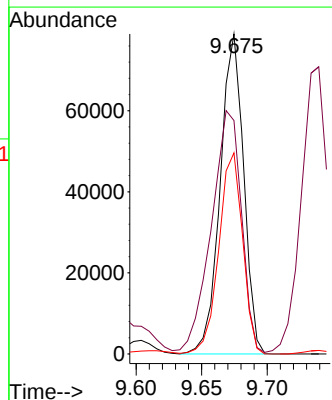
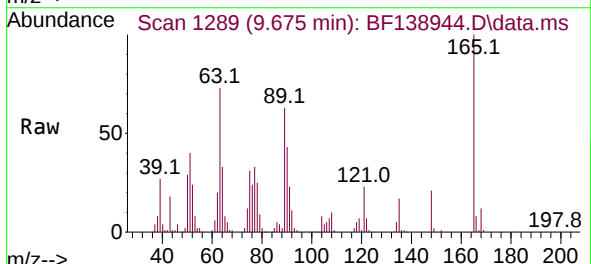
Instrument :
BNA_F
ClientSampleId :
RT4534MS

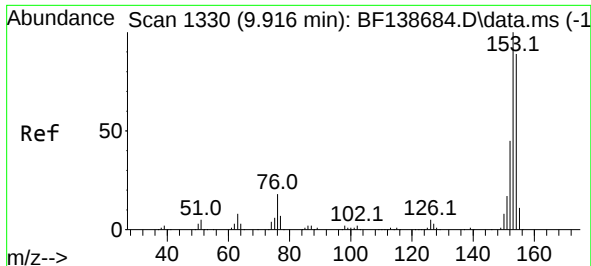
Tgt Ion:163 Resp: 460220
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 66.816 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:165 Resp: 97938
Ion Ratio Lower Upper
165 100
63 73.0 52.0 78.0
89 62.9 47.0 70.6

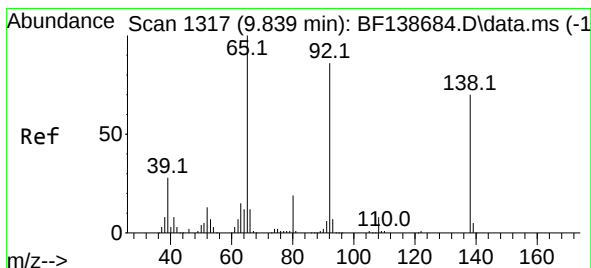
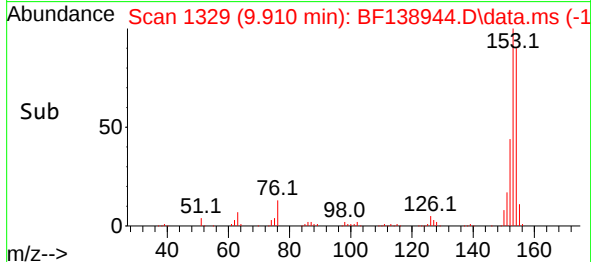
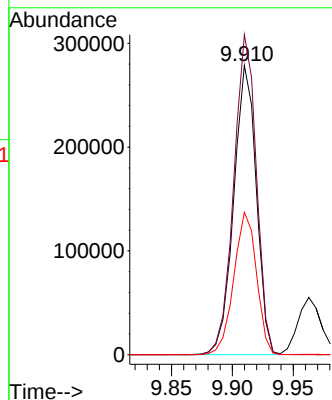
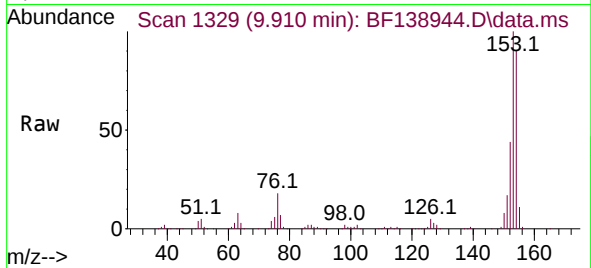




#52
Acenaphthene
Concen: 64.086 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

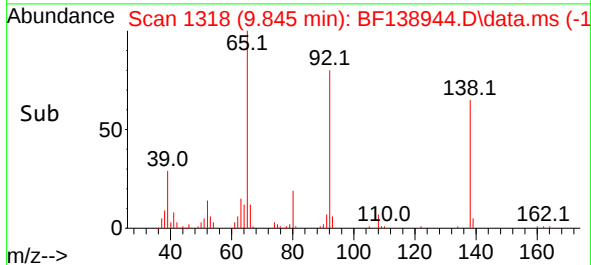
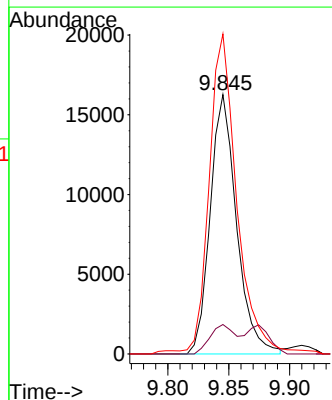
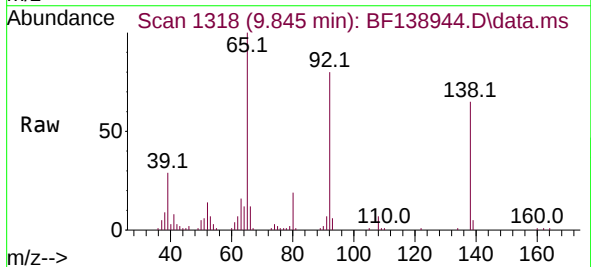
Instrument :
BNA_F
ClientSampleId :
RT4534MS

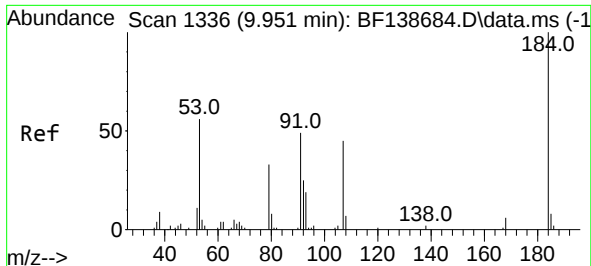
Tgt Ion:154 Resp: 361501
Ion Ratio Lower Upper
154 100
153 110.7 89.9 134.9
152 49.3 40.6 60.8



#53
3-Nitroaniline
Concen: 16.159 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:138 Resp: 24486
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 123.4 98.7 148.1

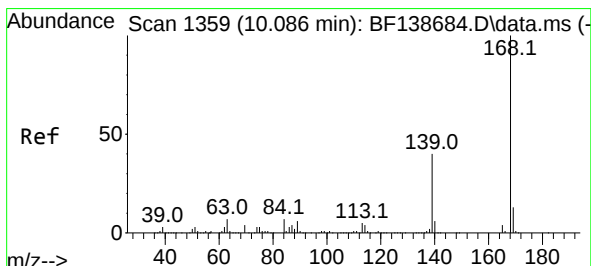
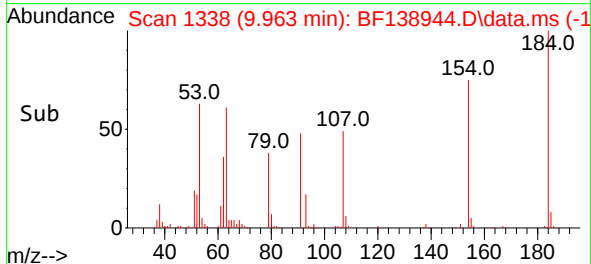
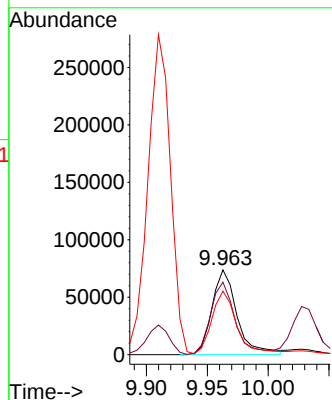
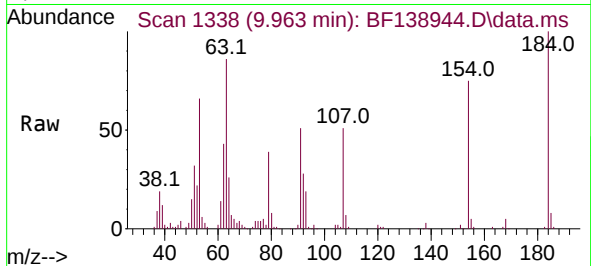




#54
2,4-Dinitrophenol
Concen: 156.610 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

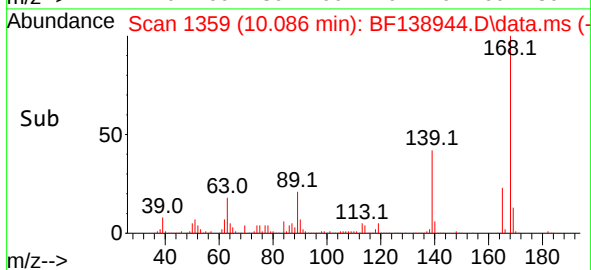
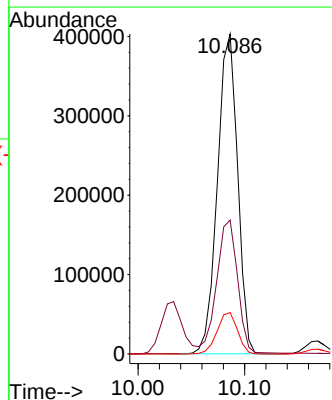
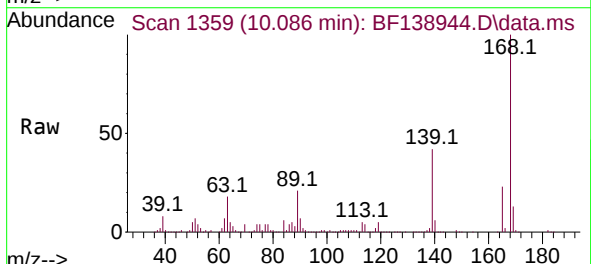
Instrument :
BNA_F
ClientSampleId :
RT4534MS

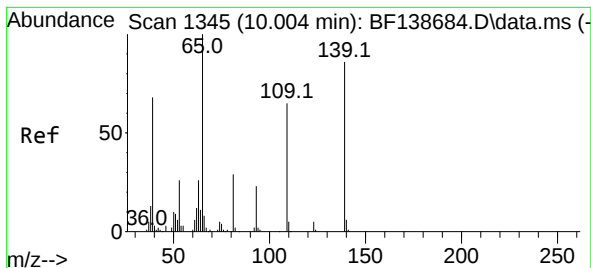
Tgt Ion:184 Resp: 105672
Ion Ratio Lower Upper
184 100
63 85.6 57.5 86.3
154 74.9 51.7 77.5



#55
Dibenzofuran
Concen: 66.461 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:168 Resp: 529211
Ion Ratio Lower Upper
168 100
139 41.8 32.6 49.0
169 13.0 10.7 16.1

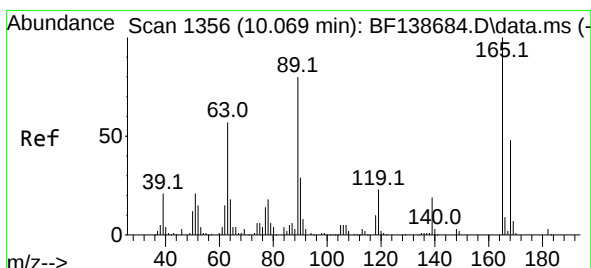
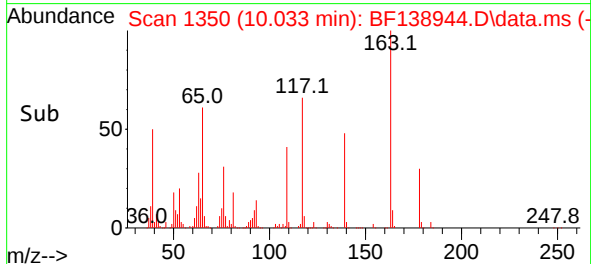
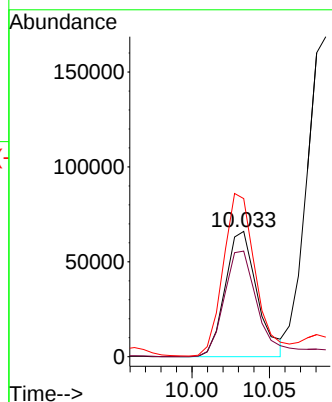
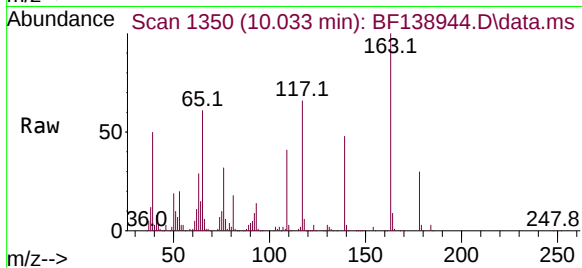




#56
4-Nitrophenol
Concen: 104.037 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

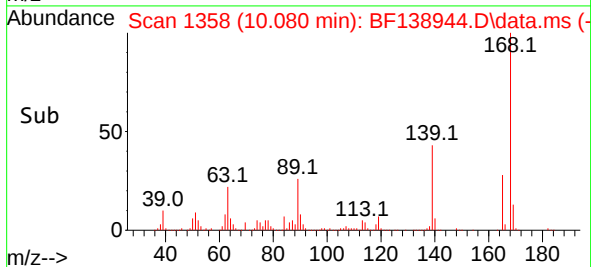
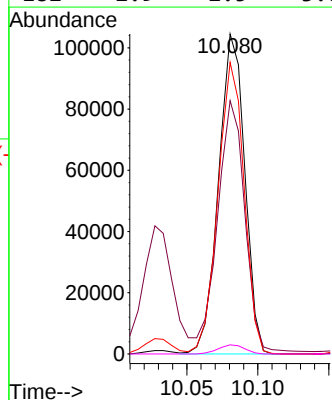
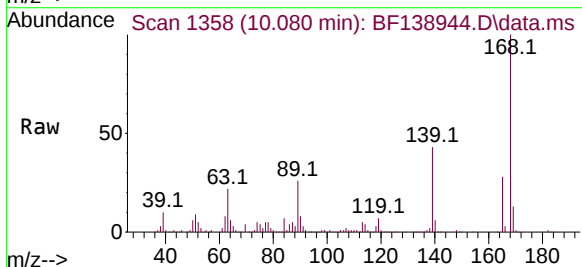
Instrument :
BNA_F
ClientSampleId :
RT4534MS

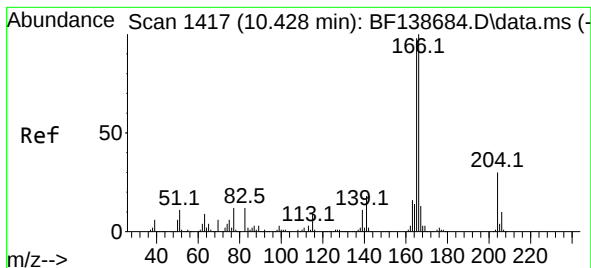
Tgt Ion:139 Resp: 94800
Ion Ratio Lower Upper
139 100
109 84.3 55.5 95.5
65 126.2 96.7 136.7



#57
2,4-Dinitrotoluene
Concen: 71.672 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:165 Resp: 134033
Ion Ratio Lower Upper
165 100
63 79.2 46.3 69.5#
89 91.1 64.2 96.4
182 2.9 2.5 3.7





#58

Fluorene

Concen: 68.294 ng

RT: 10.427 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

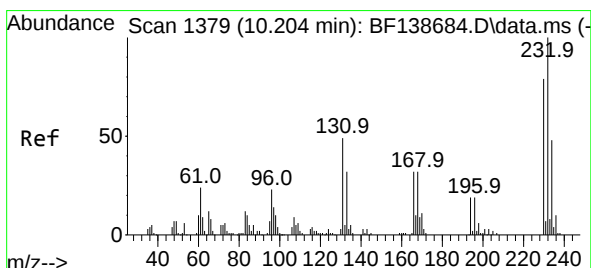
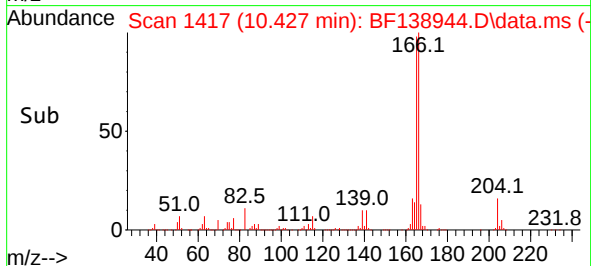
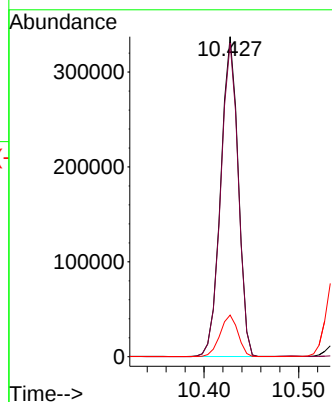
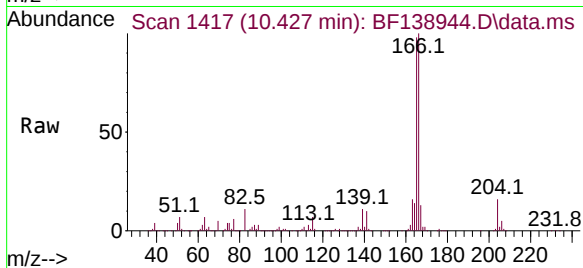
Tgt Ion:166 Resp: 433054

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

167 13.0 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 75.334 ng

RT: 10.210 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Tgt Ion:232 Resp: 108321

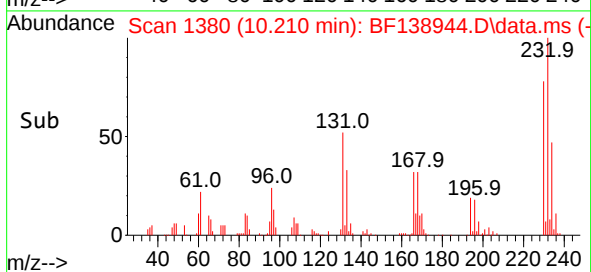
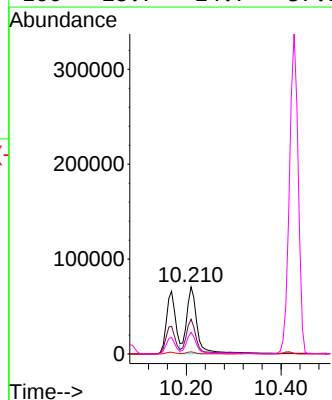
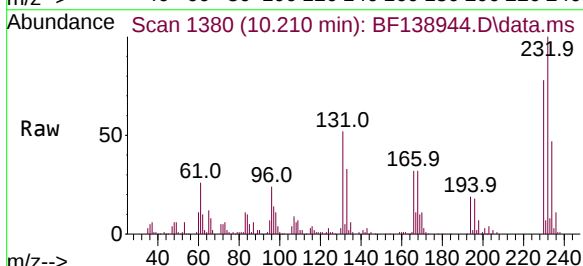
Ion Ratio Lower Upper

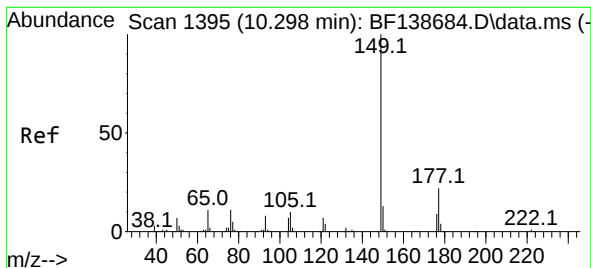
232 100

131 49.5 37.0 55.4

130 2.4 2.0 3.0

166 28.7 24.7 37.1





#60

Diethylphthalate

Concen: 73.315 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

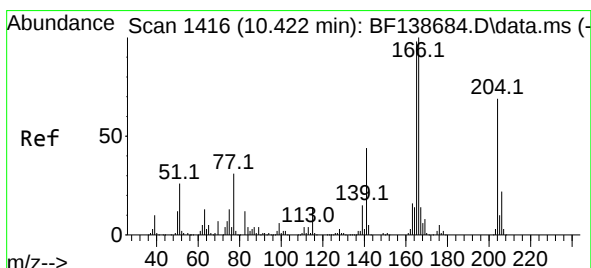
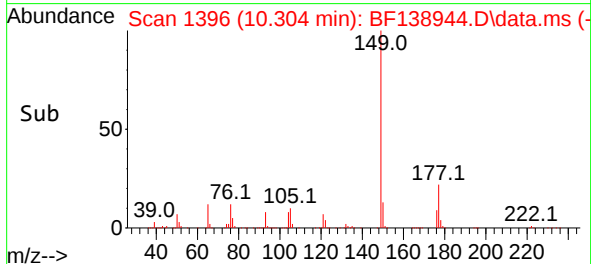
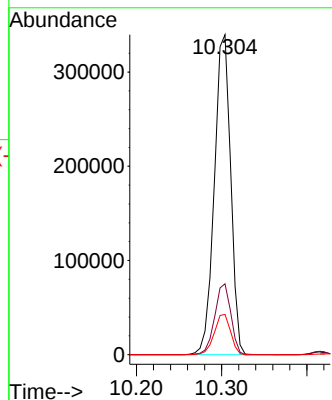
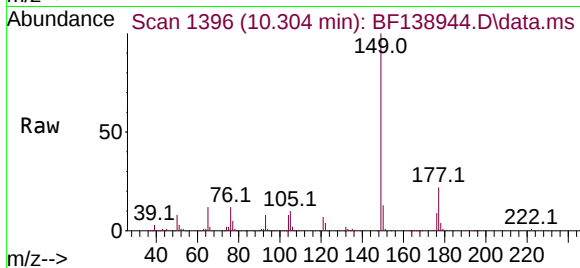
Tgt Ion:149 Resp: 451497

Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.8

150 12.6 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 67.909 ng

RT: 10.416 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

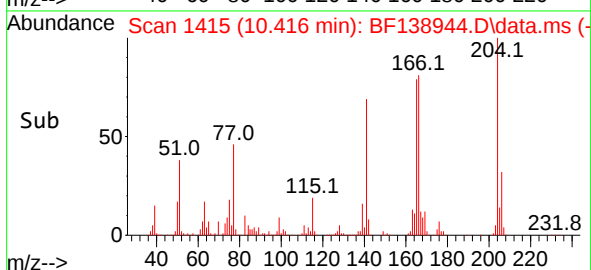
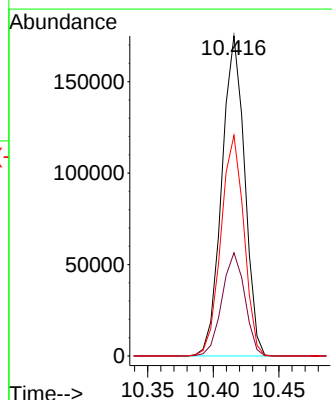
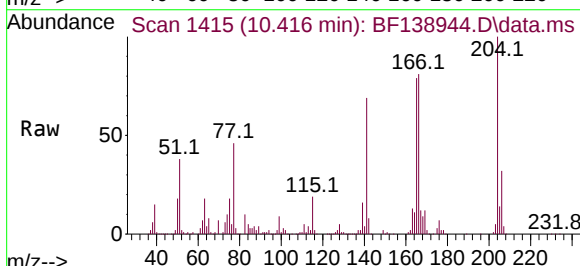
Tgt Ion:204 Resp: 211784

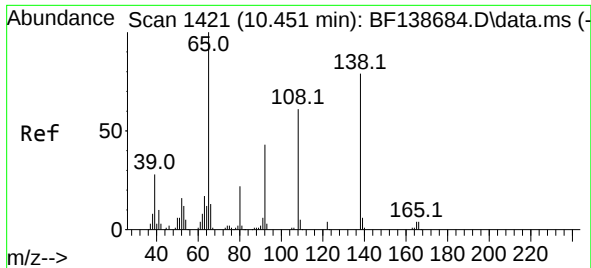
Ion Ratio Lower Upper

204 100

206 32.2 26.1 39.1

141 69.0 51.4 77.0

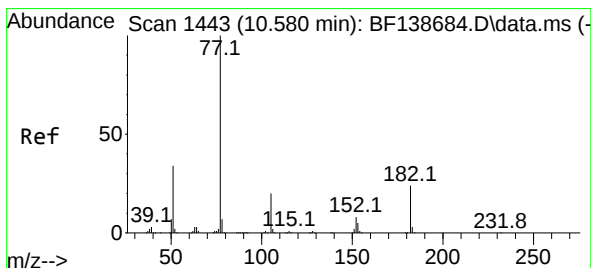
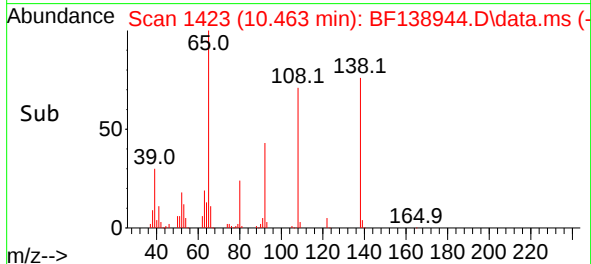
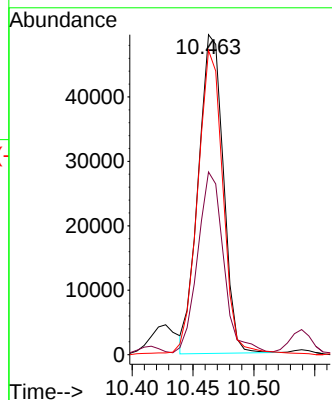
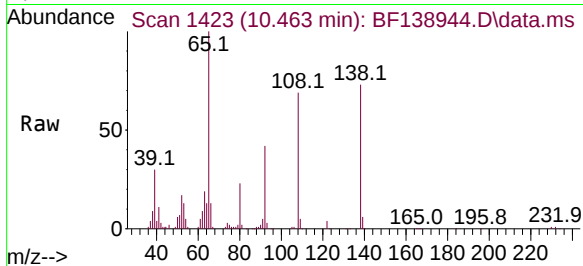




#62
4-Nitroaniline
Concen: 49.176 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

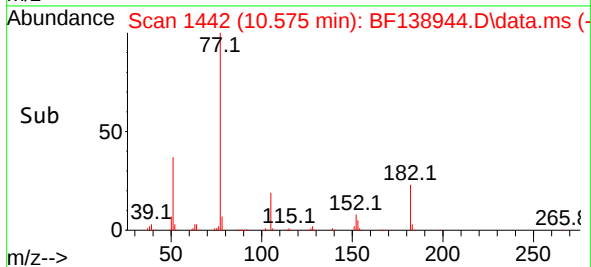
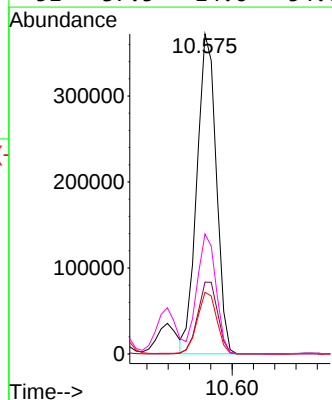
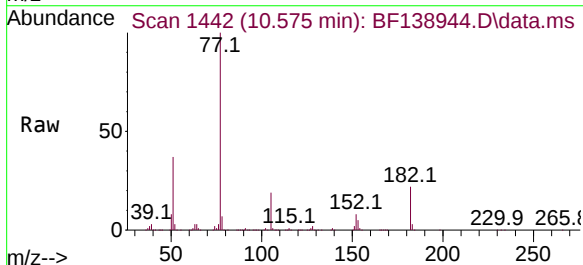
Instrument :
BNA_F
ClientSampleId :
RT4534MS

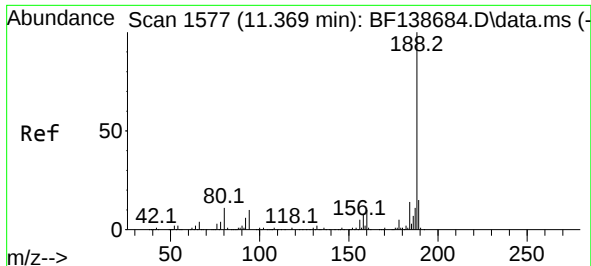
Tgt Ion:138 Resp: 70814
Ion Ratio Lower Upper
138 100
92 57.1 34.2 74.2
108 95.1 56.2 96.2



#63
Azobenzene
Concen: 68.879 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 77 Resp: 470454
Ion Ratio Lower Upper
77 100
182 22.4 3.4 43.4
105 19.2 0.2 40.2
51 37.5 14.6 54.6

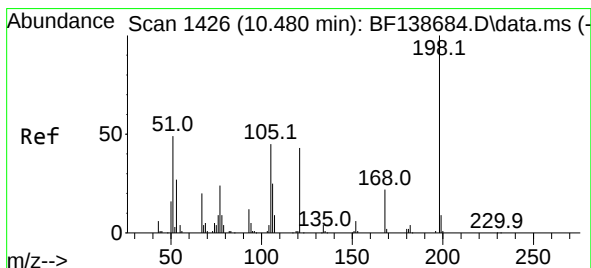
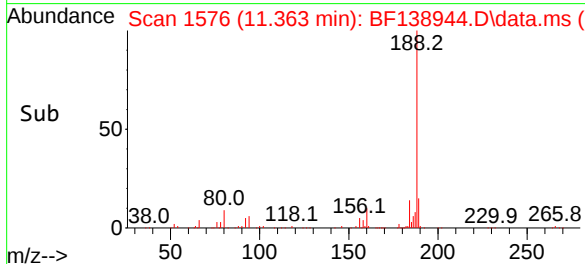
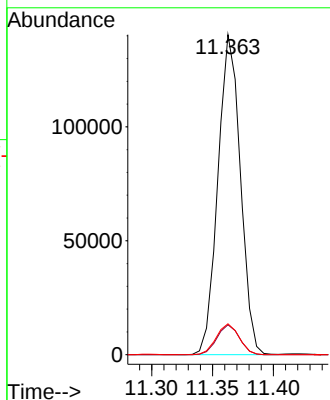
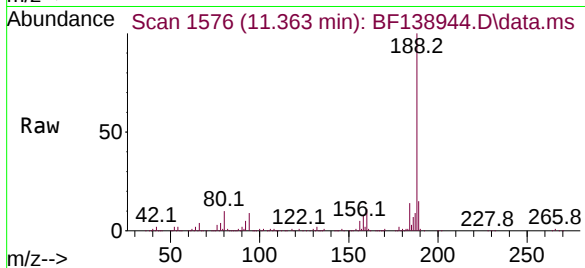




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

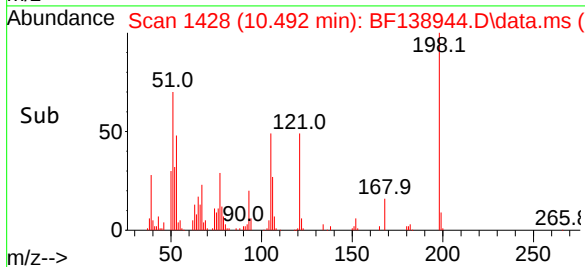
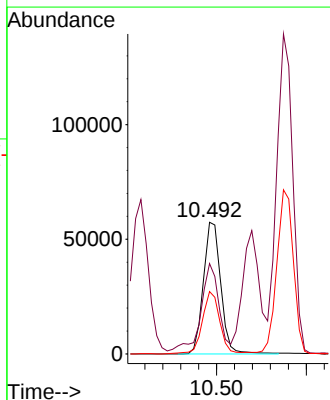
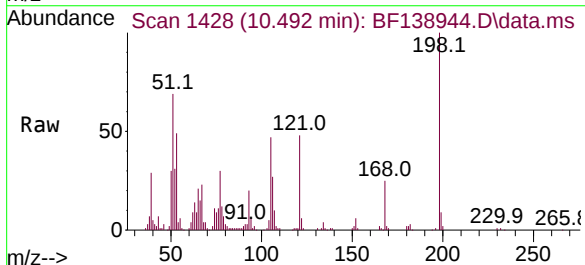
Instrument :
BNA_F
ClientSampleId :
RT4534MS

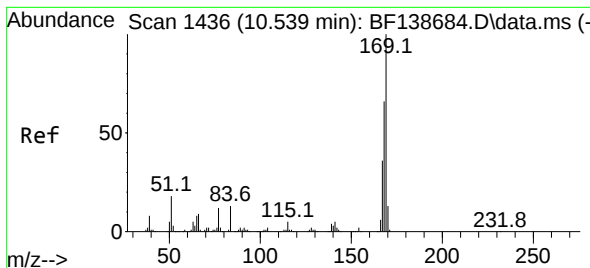
Tgt Ion:188 Resp: 180644
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.6 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 70.214 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:198 Resp: 77382
Ion Ratio Lower Upper
198 100
51 68.6 39.9 79.9
105 47.4 26.1 66.1

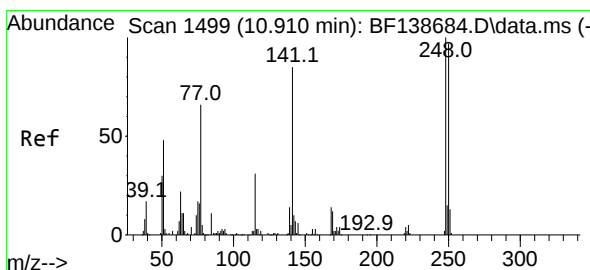
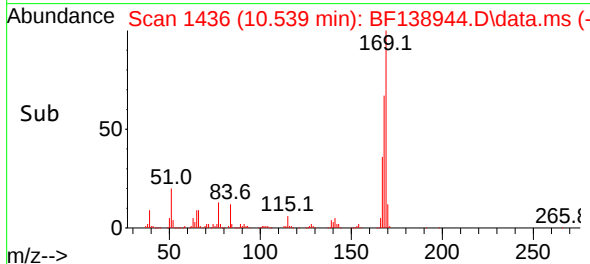
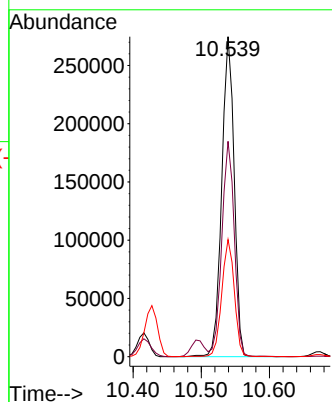
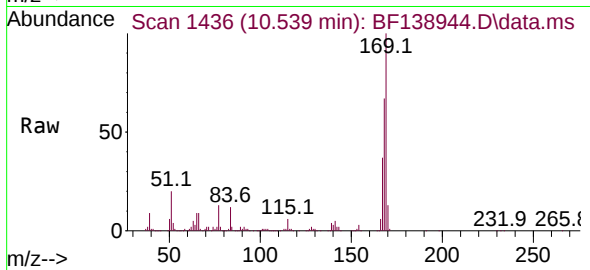




#66
n-Nitrosodiphenylamine
Concen: 61.765 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

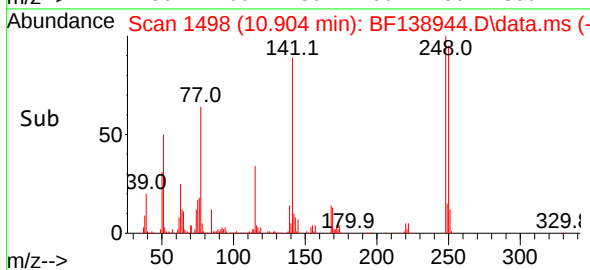
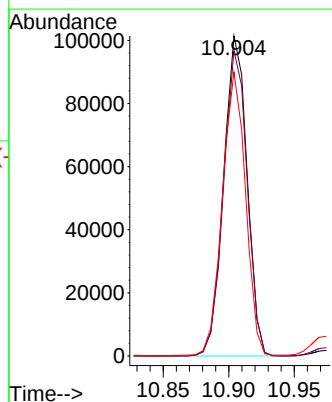
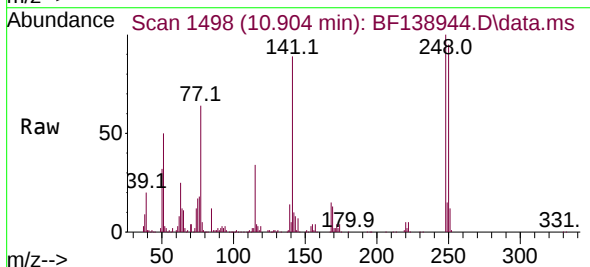
Instrument :
BNA_F
ClientSampleId :
RT4534MS

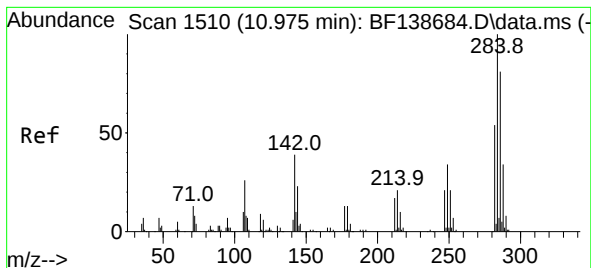
Tgt Ion:169 Resp: 348760
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.6 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 64.480 ng
RT: 10.904 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:248 Resp: 126111
Ion Ratio Lower Upper
248 100
250 95.4 77.7 116.5
141 88.7 68.0 102.0





#68

Hexachlorobenzene

Concen: 62.555 ng

RT: 10.974 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

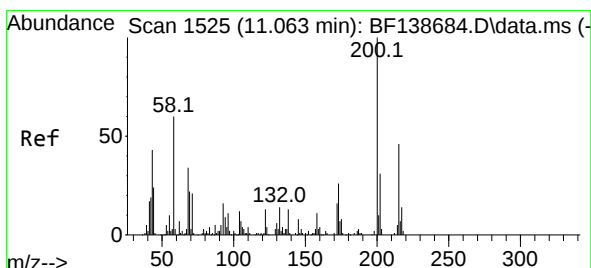
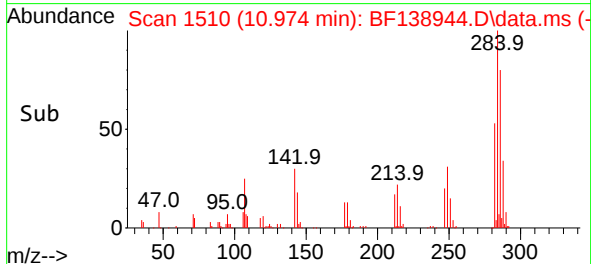
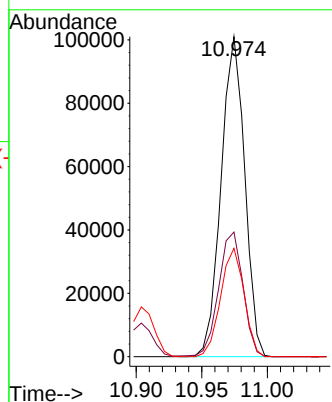
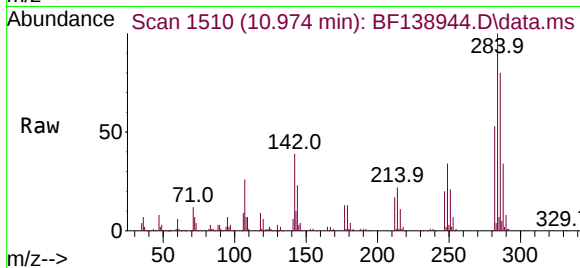
Tgt Ion:284 Resp: 126323

Ion Ratio Lower Upper

284 100

142 38.9 31.3 46.9

249 33.9 27.2 40.8



#69

Atrazine

Concen: 52.029 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

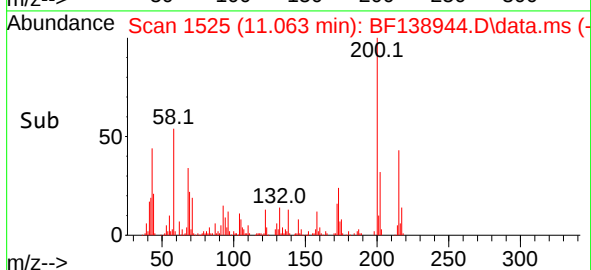
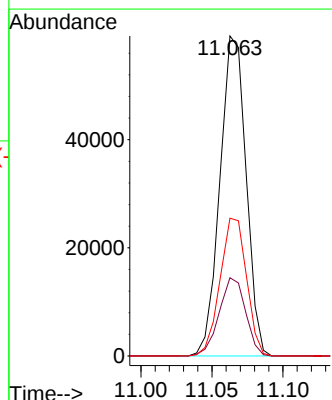
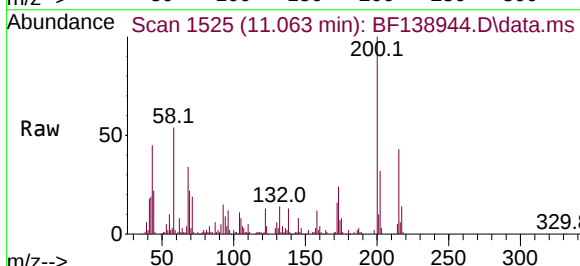
Tgt Ion:200 Resp: 75797

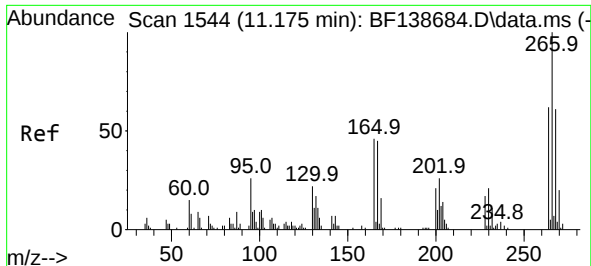
Ion Ratio Lower Upper

200 100

173 24.4 6.0 46.0

215 43.1 26.1 66.1

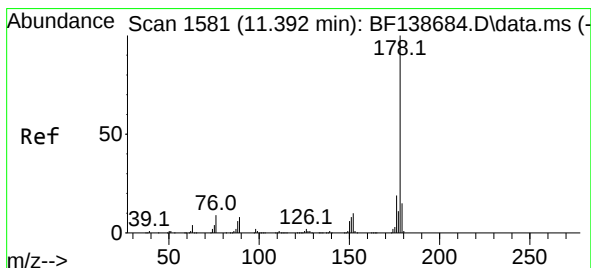
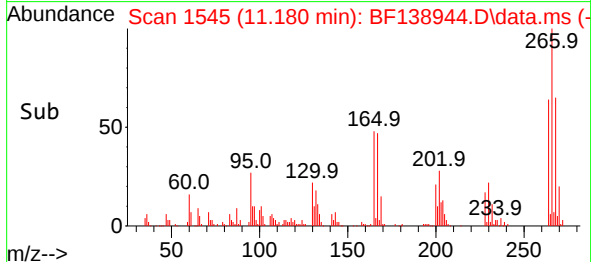
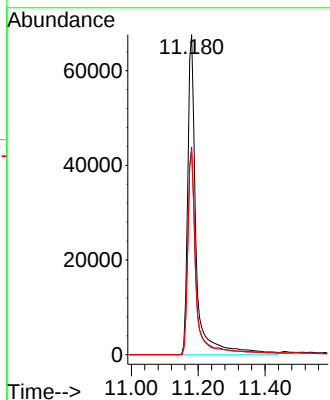
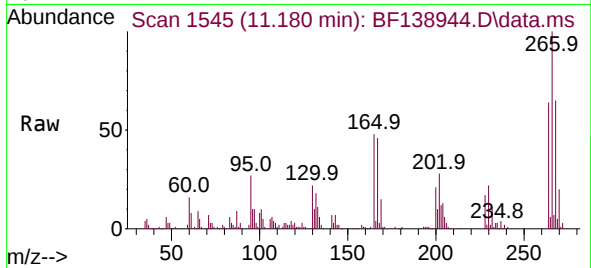




#70
 Pentachlorophenol
 Concen: 130.302 ng
 RT: 11.180 min Scan# 1544
 Delta R.T. 0.005 min
 Lab File: BF138944.D
 Acq: 12 Aug 2024 20:28

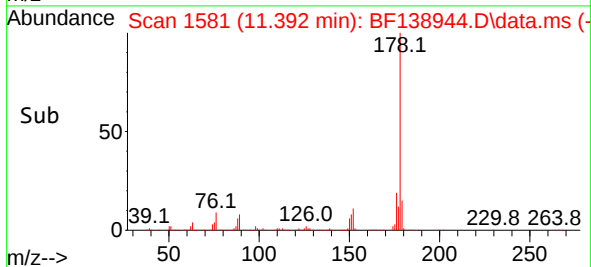
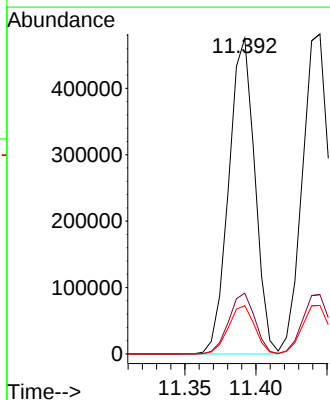
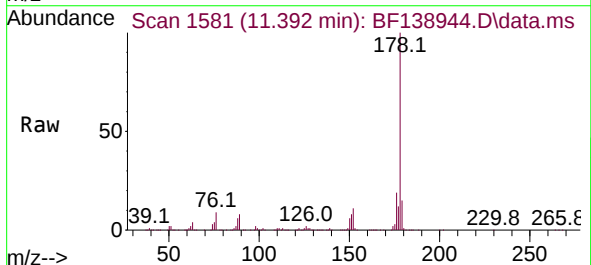
Instrument :
 BNA_F
 ClientSampleId :
 RT4534MS

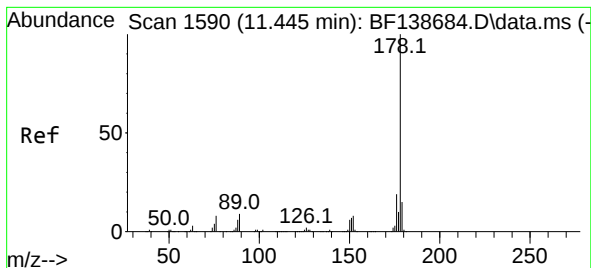
Tgt Ion:266 Resp: 118604
 Ion Ratio Lower Upper
 266 100
 268 64.9 49.2 73.8
 264 63.9 49.8 74.6



#71
 Phenanthrene
 Concen: 65.299 ng
 RT: 11.392 min Scan# 1581
 Delta R.T. -0.000 min
 Lab File: BF138944.D
 Acq: 12 Aug 2024 20:28

Tgt Ion:178 Resp: 607396
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.3 12.2 18.2





#72

Anthracene

Concen: 68.828 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

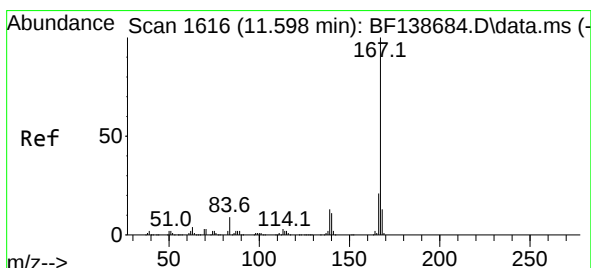
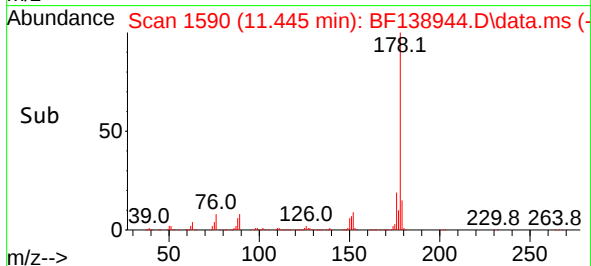
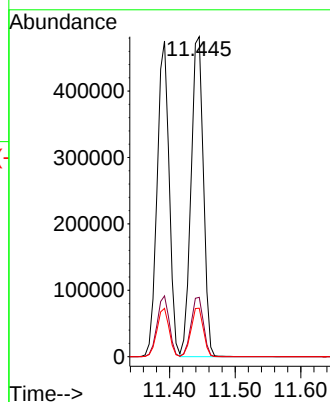
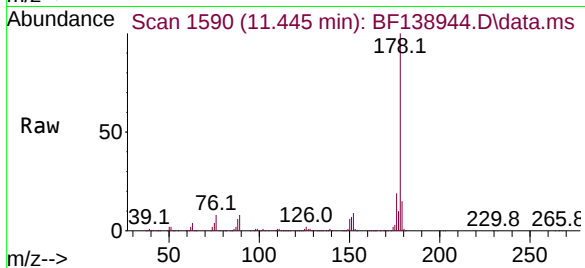
Tgt Ion:178 Resp: 630704

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.2 12.4 18.6



#73

Carbazole

Concen: 62.166 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

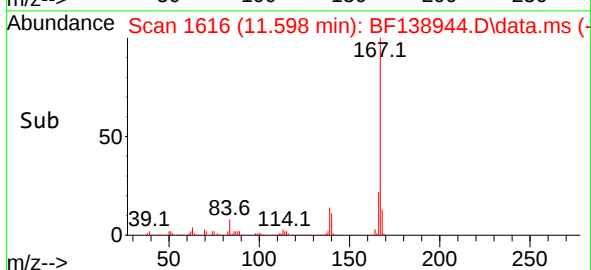
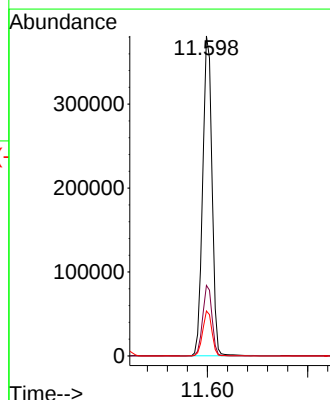
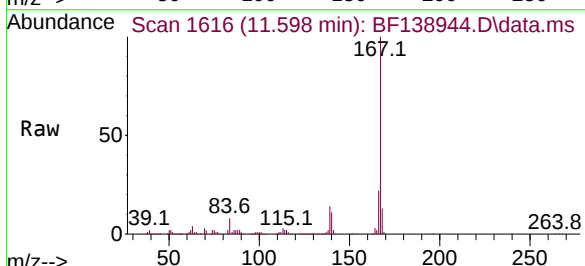
Tgt Ion:167 Resp: 491473

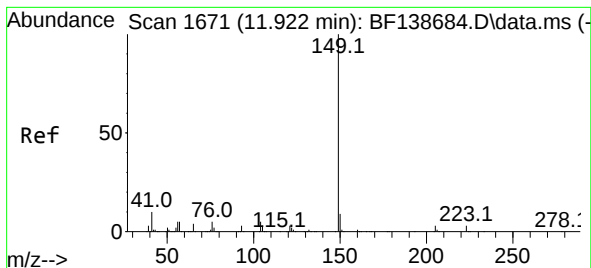
Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.0 10.6 16.0





#74

Di-n-butylphthalate

Concen: 77.110 ng

RT: 11.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

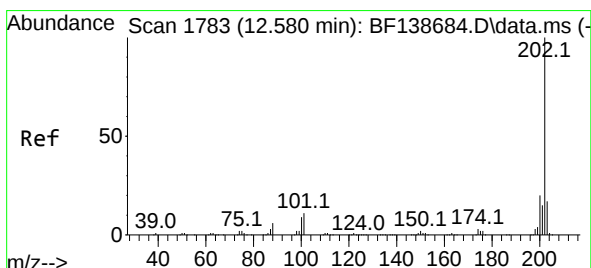
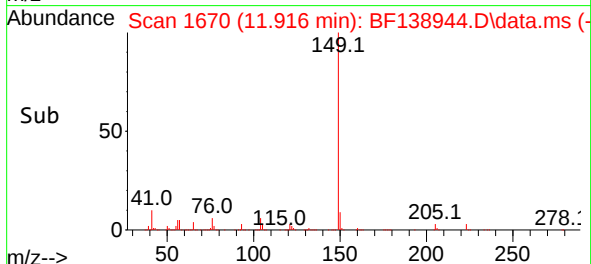
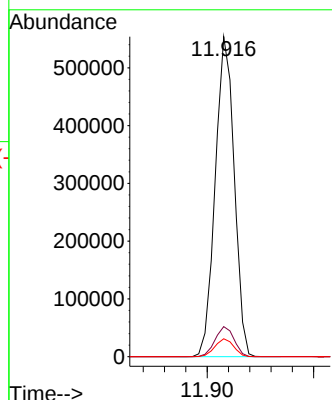
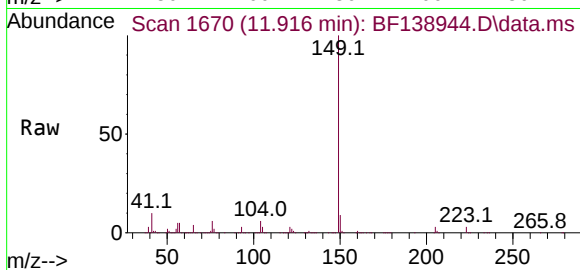
Tgt Ion:149 Resp: 685308

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.6 4.1 6.1



#75

Fluoranthene

Concen: 66.305 ng

RT: 12.574 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

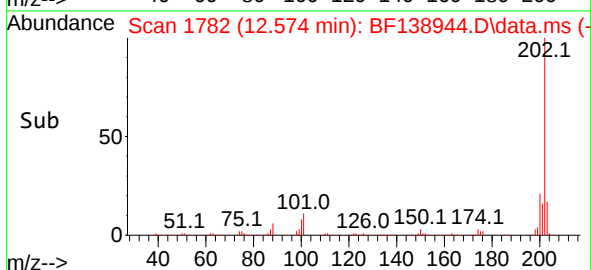
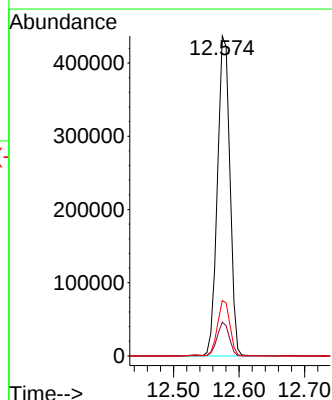
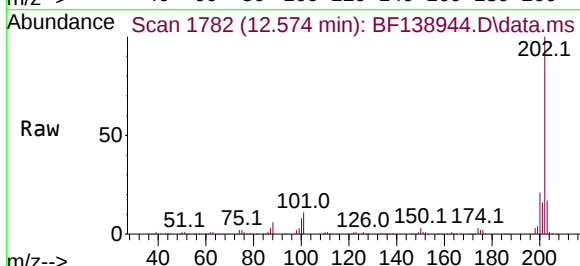
Tgt Ion:202 Resp: 575776

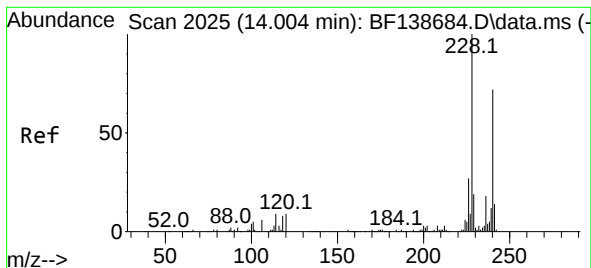
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

203 17.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

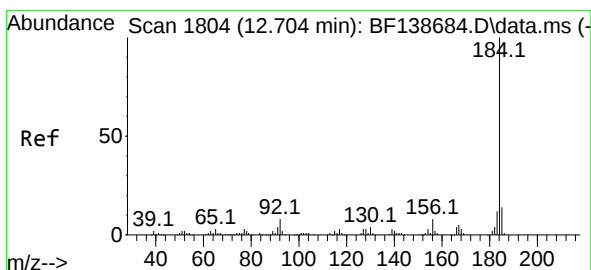
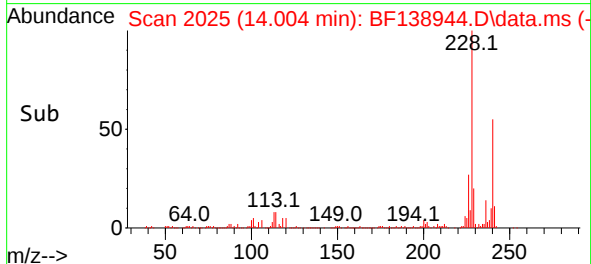
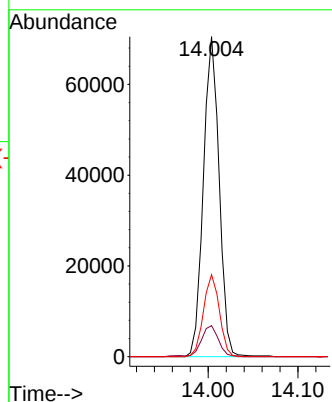
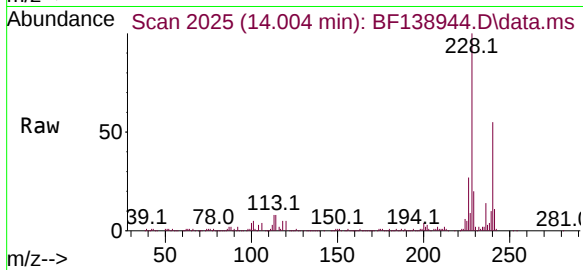
Tgt Ion:240 Resp: 86005

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.313 ng

RT: 12.710 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

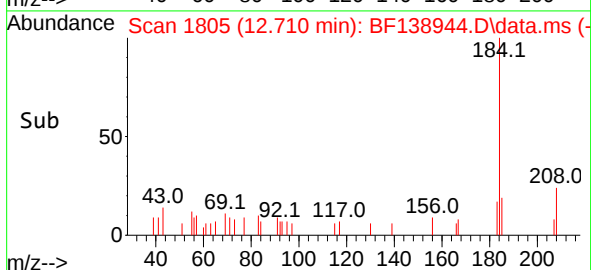
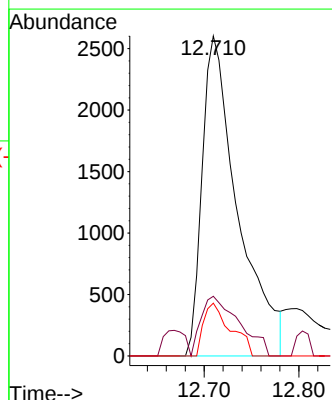
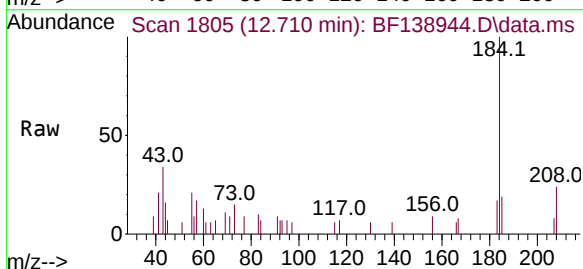
Tgt Ion:184 Resp: 6816

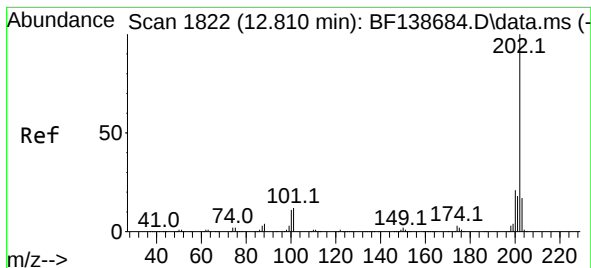
Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

183 16.5 9.6 14.4#





#78

Pyrene

Concen: 68.907 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

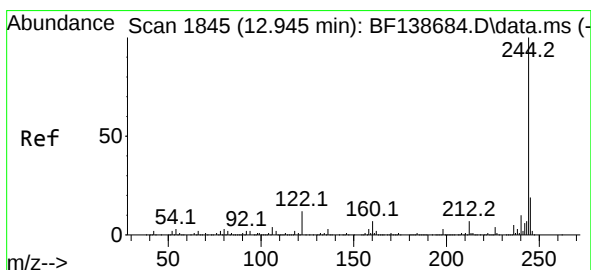
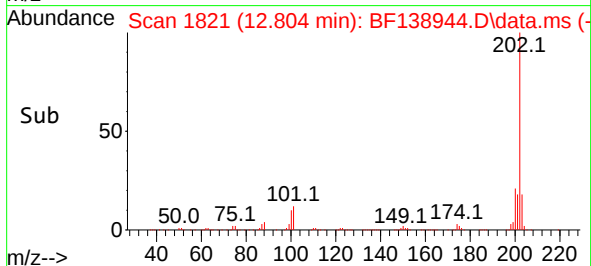
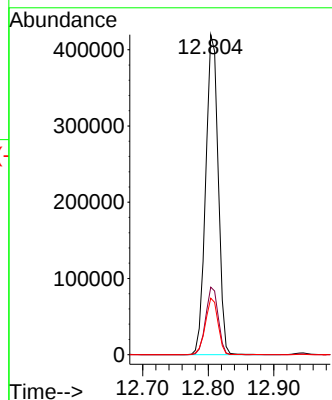
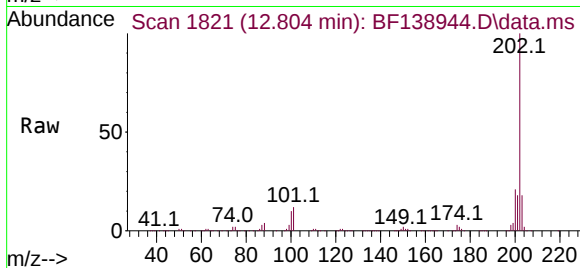
Tgt Ion:202 Resp: 557987

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.7 13.8 20.6



#79

Terphenyl-d14

Concen: 150.791 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

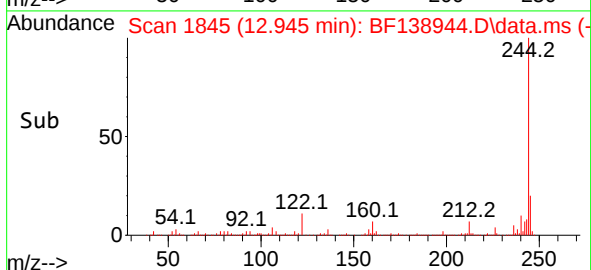
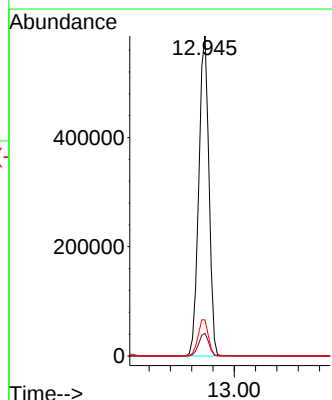
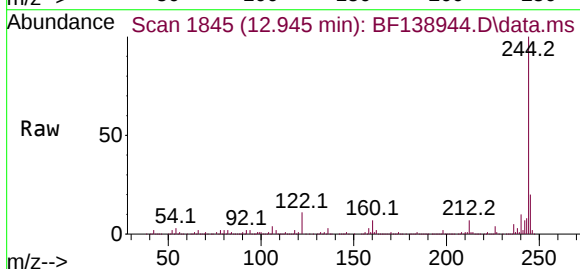
Tgt Ion:244 Resp: 774594

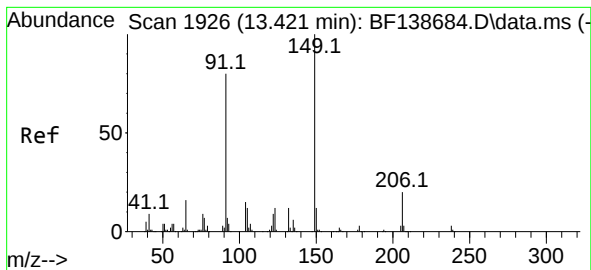
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.6 14.4





#80

Butylbenzylphthalate

Concen: 77.769 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

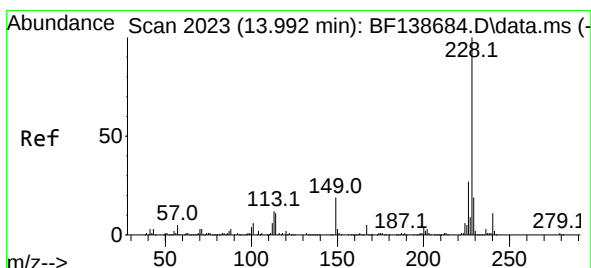
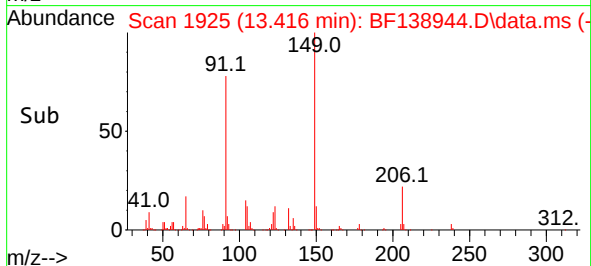
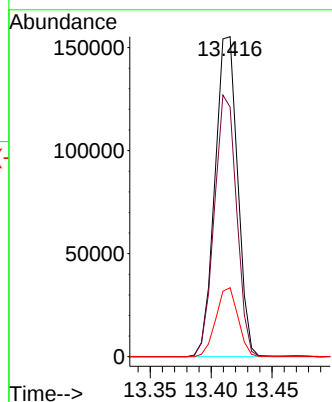
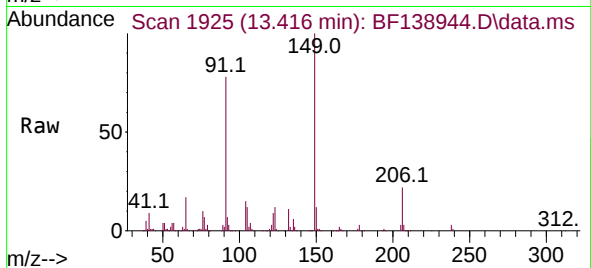
Tgt Ion:149 Resp: 201661

Ion Ratio Lower Upper

149 100

91 78.0 63.7 95.5

206 21.5 16.2 24.2



#81

Benzo(a)anthracene

Concen: 65.541 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

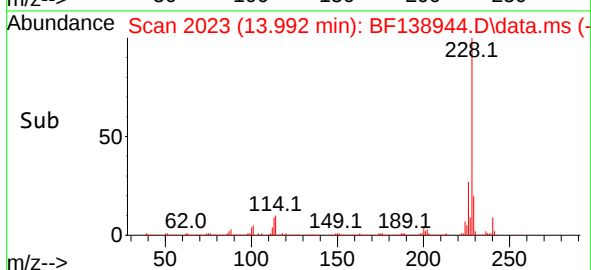
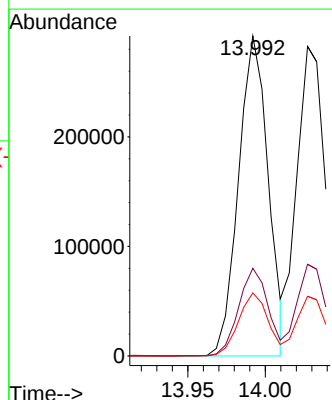
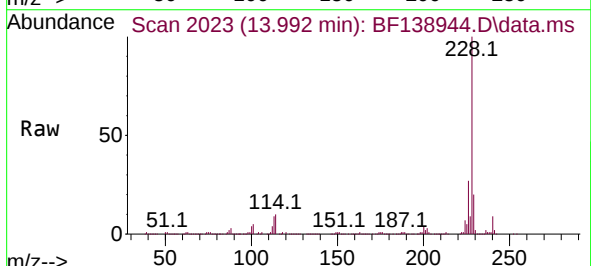
Tgt Ion:228 Resp: 388163

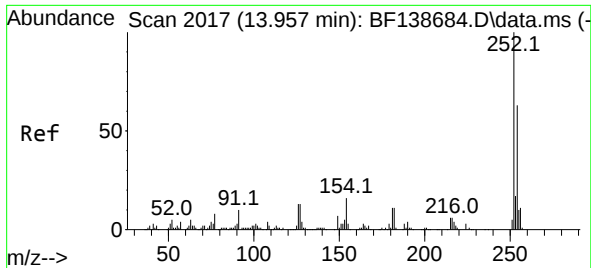
Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.7 15.4 23.0

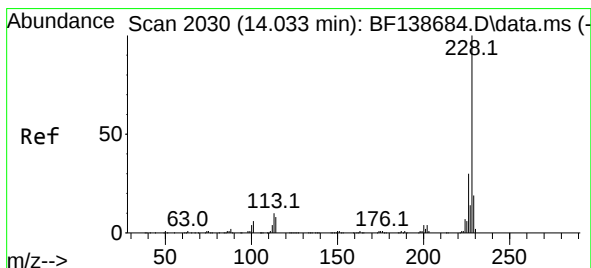
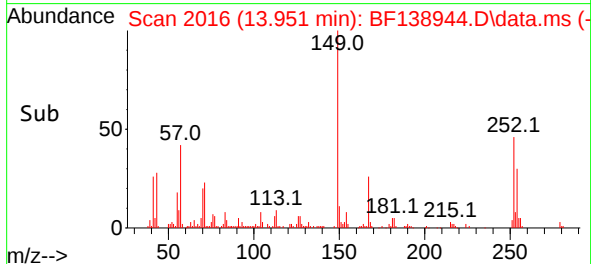
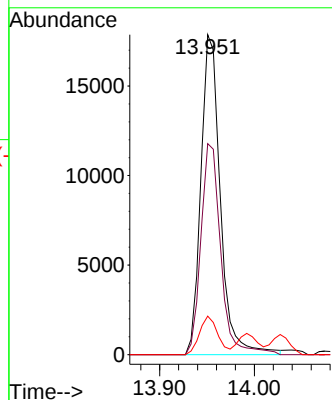
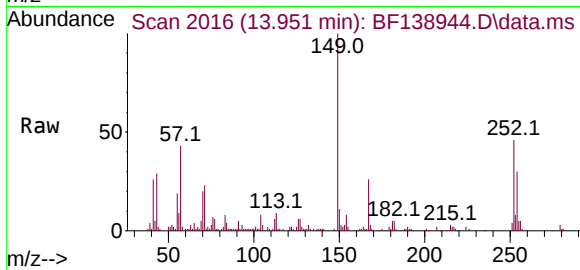




#82
3,3'-Dichlorobenzidine
Concen: 16.824 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

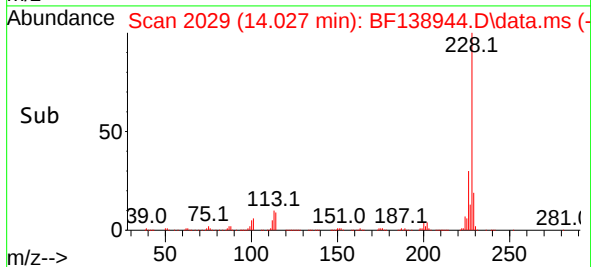
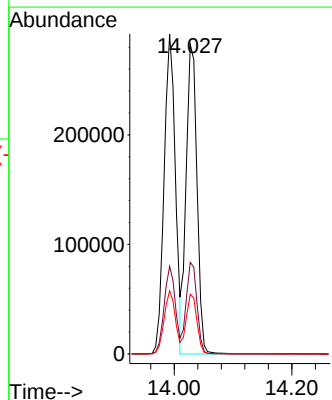
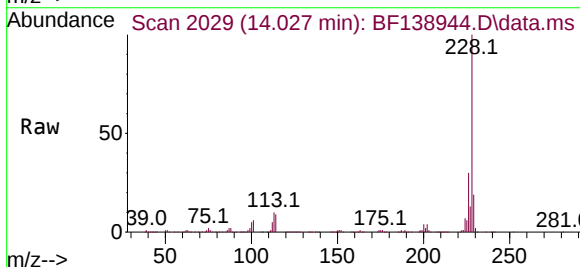
Instrument :
BNA_F
ClientSampleId :
RT4534MS

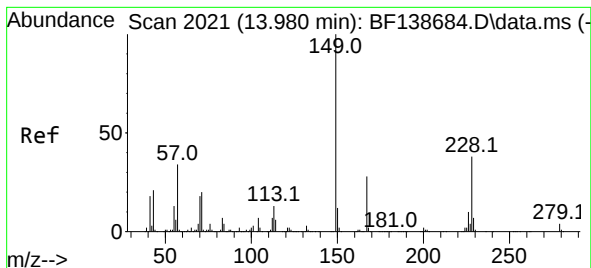
Tgt Ion:252 Resp: 25499
Ion Ratio Lower Upper
252 100
254 66.0 50.8 76.2
126 12.0 10.2 15.2



#83
Chrysene
Concen: 67.886 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138944.D
Acq: 12 Aug 2024 20:28

Tgt Ion:228 Resp: 362729
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.3 15.0 22.6

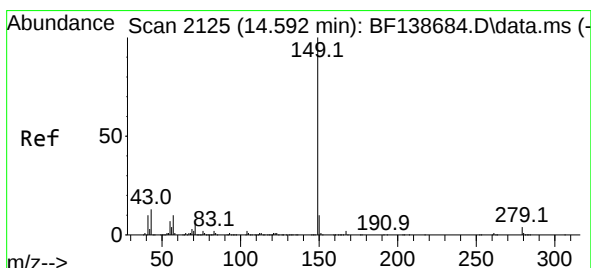
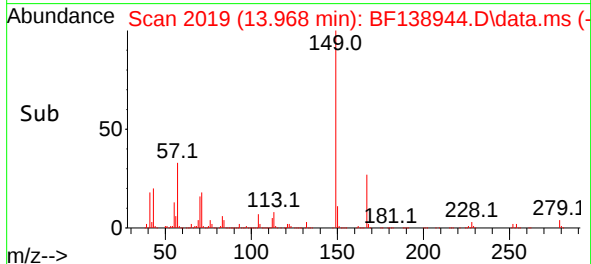
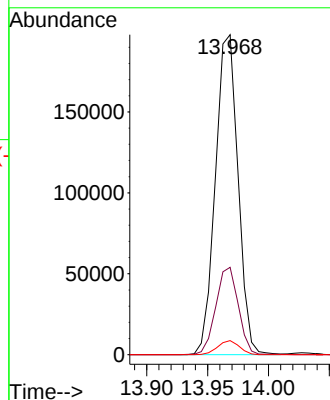
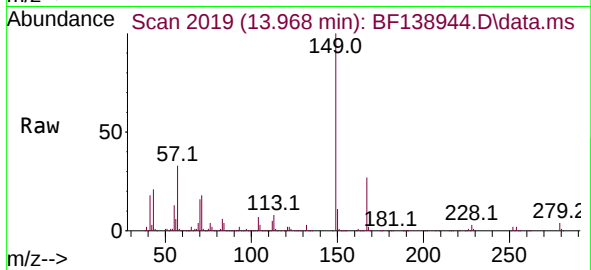




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.376 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.012 min
 Lab File: BF138944.D
 Acq: 12 Aug 2024 20:28

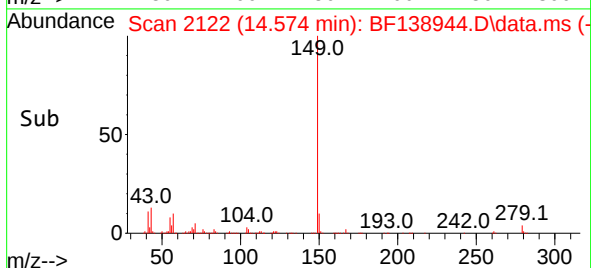
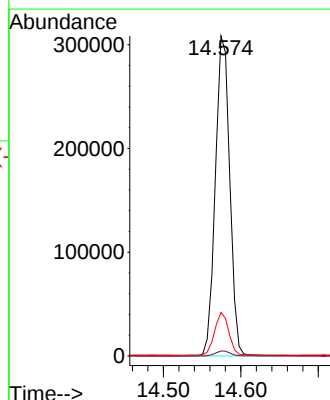
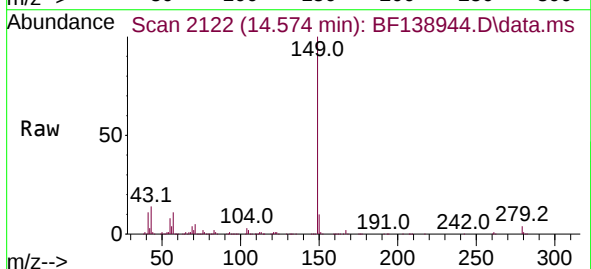
Instrument :
 BNA_F
 ClientSampleId :
 RT4534MS

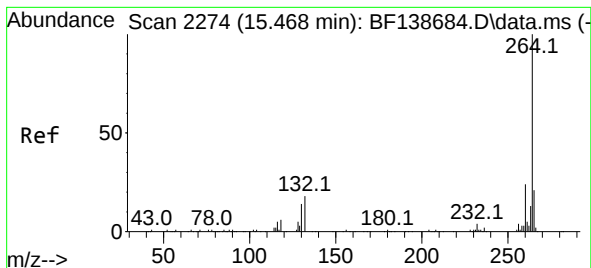
Tgt Ion:149 Resp: 255836
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.2 33.4
 279 4.4 3.4 5.0



#85
 Di-n-octyl phthalate
 Concen: 56.965 ng
 RT: 14.574 min Scan# 2122
 Delta R.T. -0.018 min
 Lab File: BF138944.D
 Acq: 12 Aug 2024 20:28

Tgt Ion:149 Resp: 400200
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 13.1 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

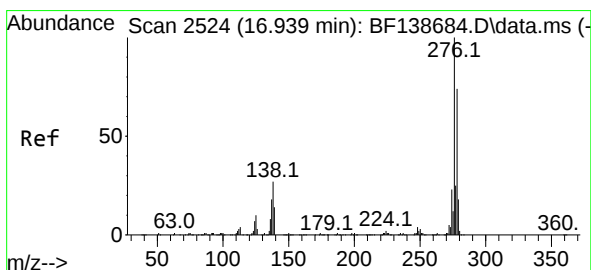
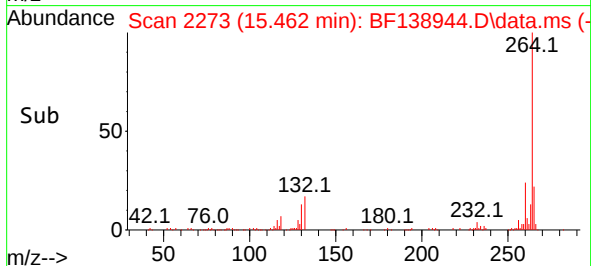
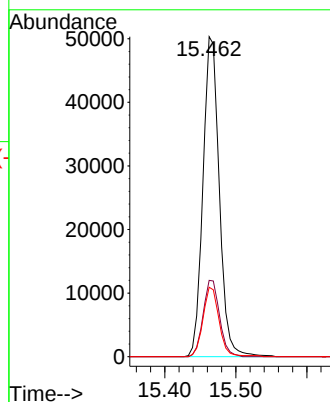
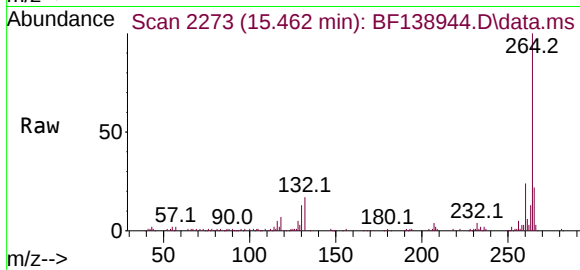
Tgt Ion:264 Resp: 80675

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.7 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 61.439 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

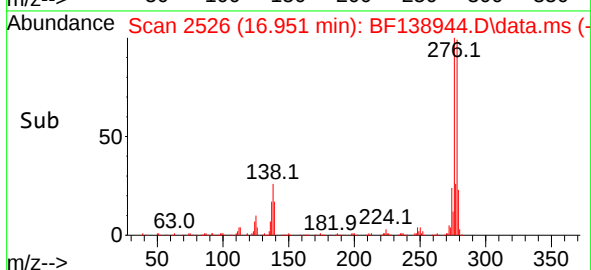
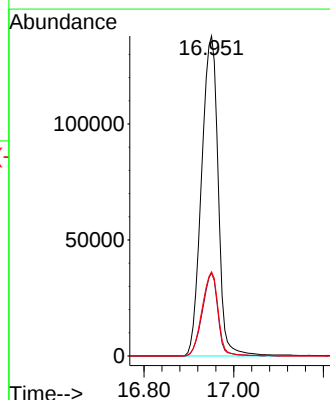
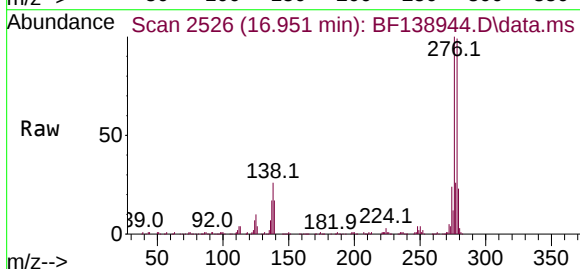
Tgt Ion:276 Resp: 355204

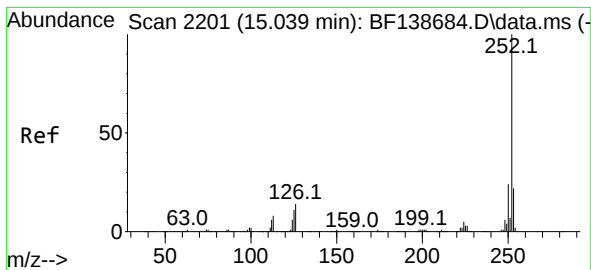
Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.3 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 69.898 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

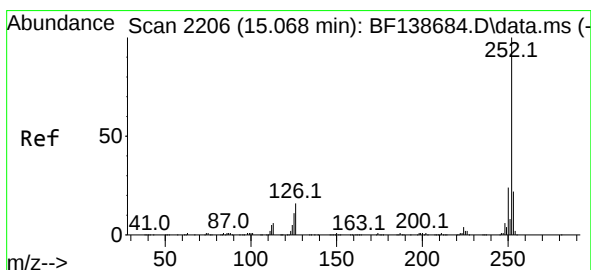
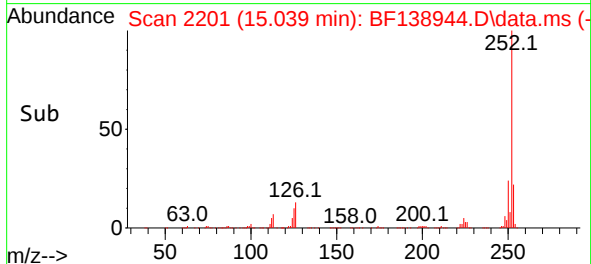
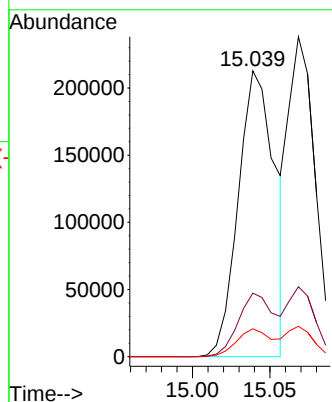
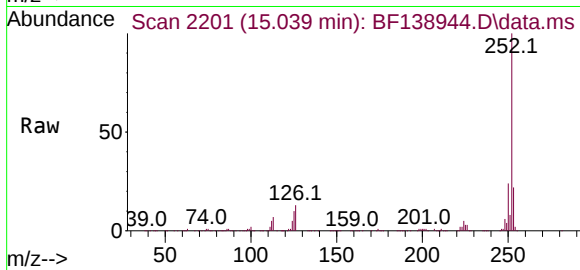
Tgt Ion:252 Resp: 349565

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.7 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 66.829 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

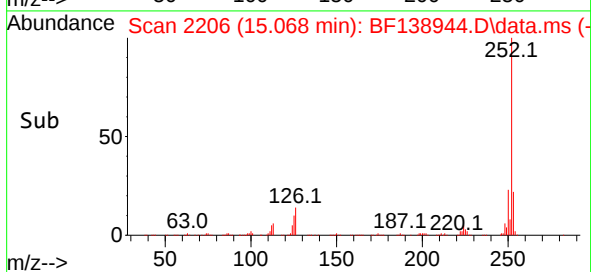
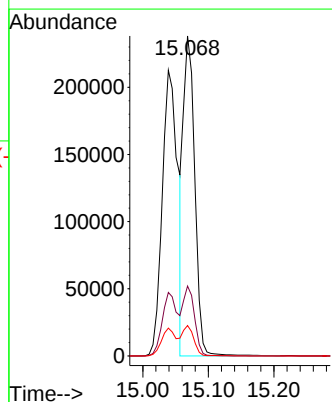
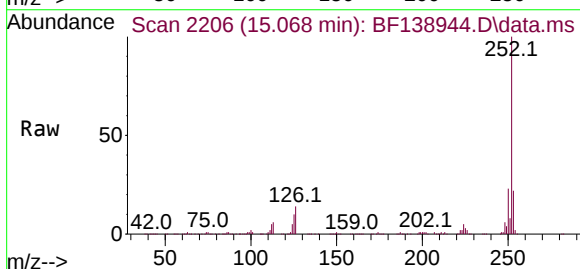
Tgt Ion:252 Resp: 289368

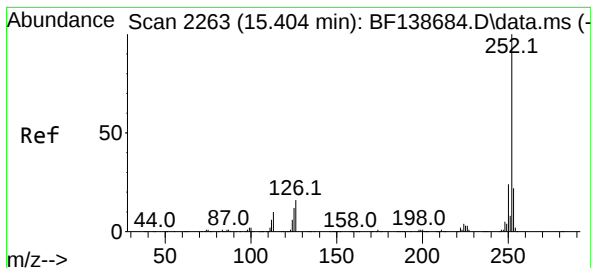
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.5 8.6 13.0





#90

Benzo(a)pyrene

Concen: 69.704 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RT4534MS

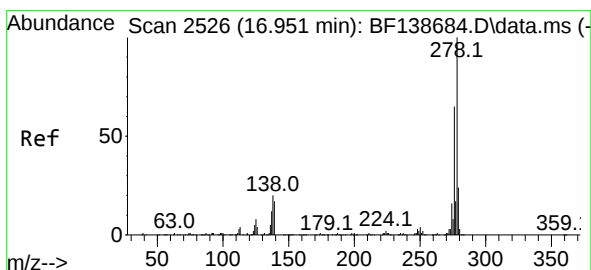
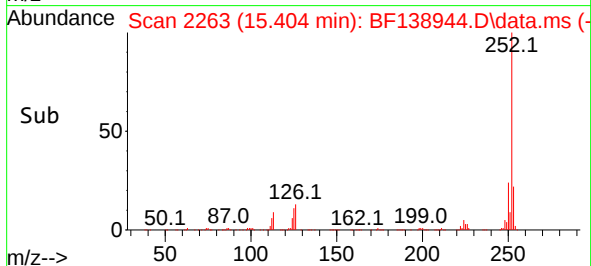
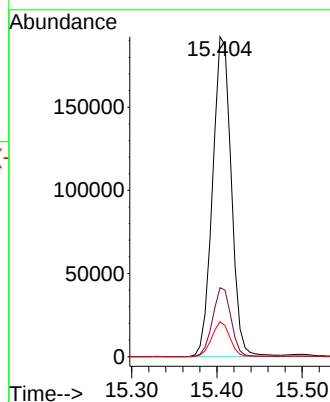
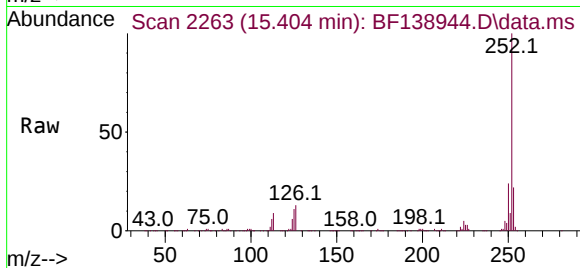
Tgt Ion:252 Resp: 293218

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.9 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 60.700 ng

RT: 16.956 min Scan# 2527

Delta R.T. 0.006 min

Lab File: BF138944.D

Acq: 12 Aug 2024 20:28

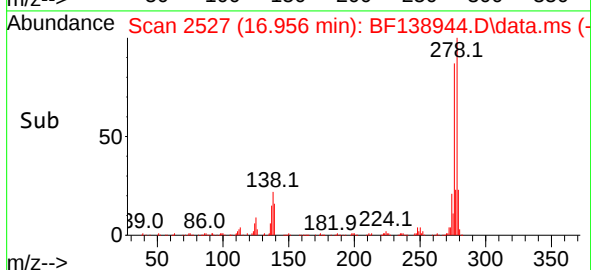
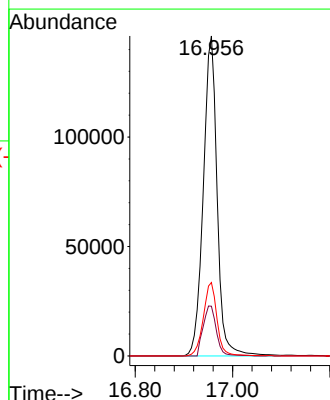
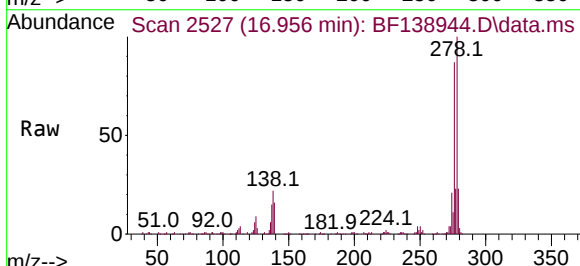
Tgt Ion:278 Resp: 288073

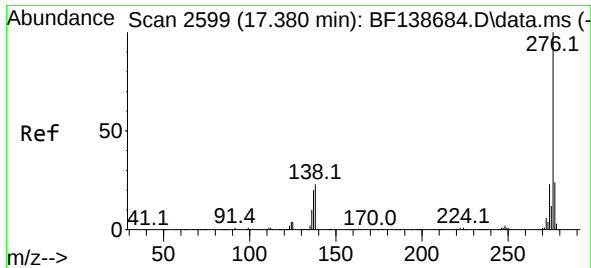
Ion Ratio Lower Upper

278 100

139 15.6 14.0 21.0

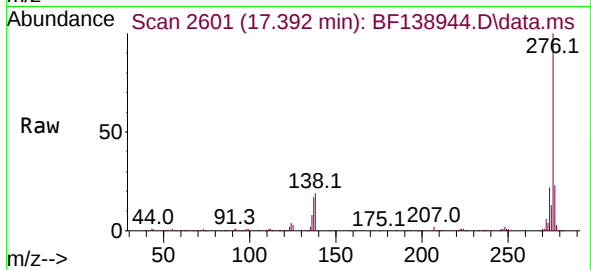
279 23.0 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 54.633 ng
 RT: 17.392 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF138944.D
 Acq: 12 Aug 2024 20:28

Instrument :
 BNA_F
 ClientSampleId :
 RT4534MS



Tgt Ion:276 Resp: 269053
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.4
 138 19.3 18.5 27.7

